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U.S. GOVERNMENT
Agriculture

SCARFF'S

Cultural Guide

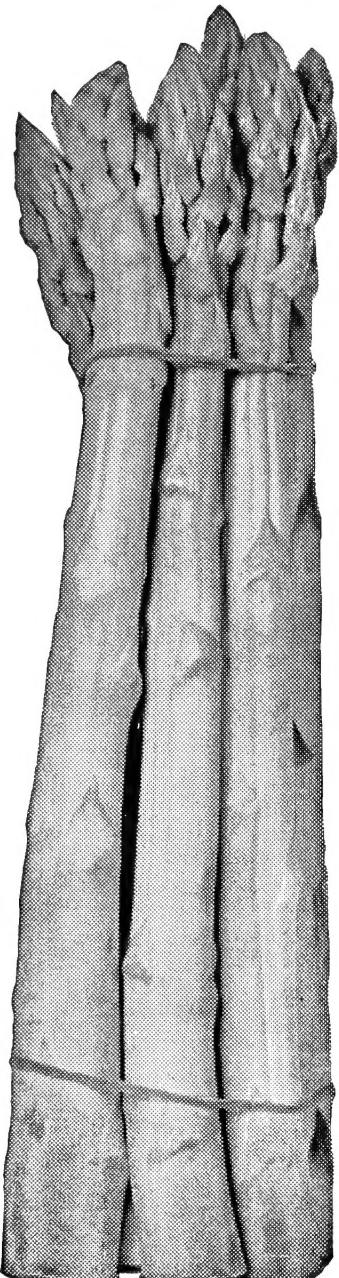
FOR
SUCCESSFUL PLANTING

1947

W. N. SCARFF'S SONS
New Carlisle, Ohio

OVER 50 YEARS OF SERVICE IN AGRICULTURE & HORTICULTURE

Paradise Asparagus



New Paradise Asparagus

Sensationally New, Early-Maturing Variety Superior Quality

Produces normal crop ONE YEAR EARLIER than other varieties and produces heavier throughout its life. Large, crisp, tender stalks with exceptionally fine, mild flavor. Only six or eight stalks required to the pound. Ideally suited for freezing, the superior taste being retained. Strongly rust resistant. An excellent variety for home gardens, commercial growers and shippers.

Mary Washington Asparagus

This is the finest standard variety now grown. Makes a heavy growth, ready to cut early and continues to ripen over a long season. Even though you already grow Asparagus, add one or both of these excellent varieties to your planting. You will be more than pleased with their superiority both for table use and commercial planting.

For Asparagus Prices See Bottom of Page.

Cultural Directions For Either Fall or Spring Planting

Asparagus—Prepare ground by deep plowing or spading. Set plants twelve to eighteen inches each way, three inches deep, with roots well spread out. Every fall mulch the bed with well rotted manure, ashes and salt. During the growing season dust the foliage several times with a mixture of 85% Sulphur and 15% Arsenate of lead to kill the slugs and to prevent rust.

Rhubarb—Prepare ground as for asparagus. Set the plants with crown or eye two inches under ground. Plant two to three feet apart each way. Mulch in winter. Give clean cultivation the same as for any other crop.

Horseradish—Thrives best in deep moist fertile soils. Set the roots 12 to 15 inches apart either horizontally or upright and in furrows 3 to 3½ ft. apart. Clean cultivation and the roots are ready to dig in the Fall.

CARFF'S Linneaus Rhubarb



The standard variety for general planting. Indispensable for home use in making pies, sauce and as a general Spring Tonic. A most profitable crop for market in field culture or forcing. Our select strain of this Linneaus variety is early and produces large tender stalks with good color and high quality. 35c each; 3 for \$1.00, Postpaid.

For Rhubarb Quantity Prices See Bottom of Page

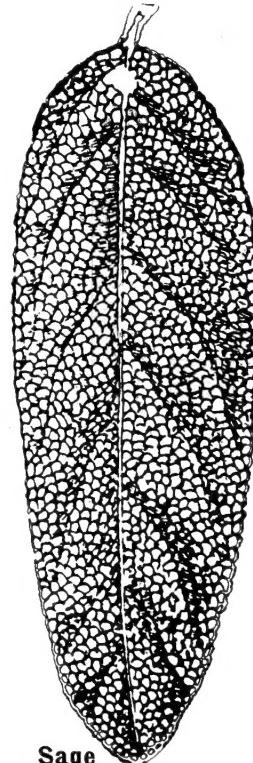
New MacDonald Red Rhubarb Here is a new very colored attractive bright red Rhubarb of large size stalk, very tender and succulent. Particularly valuable for pies and deserts. MacDonald requires less sugar for cooking than any of the old standard varieties. Plant some of this splendid Rhubarb this year. It yields heavily and lasts a lifetime. When once you have tried MacDonald you will try no other. Supply limited. Price, strong division, 65c each; 5 for \$3.10 postpaid.

CARFF'S Maliner Kren Horseradish



America's Most Popular Relish—An Essential of Every Old-Fashioned Garden—A Commercial Moneymaker.

Maliner Kren—This Bohemian variety makes an enormous yield and is so early that it can be marketed before the common kind is ready, besides, the roots are much larger and whiter. The roots sell readily on market, and yield as high as 4 to 6 tons per acre. It requires about 10,000 sets for an acre, and the crop is ready for the market the first year. It is easy to grow, every plant will live. Try at least 1,000 sets if you cannot plant an acre. It is ready sale in any of the large cities.



Sage

PRICES of Asparagus Roots, Etc.

	Postpaid		By Express Not Prepaid		
	Per 25	50	100	500	1000
Paradise Asparagus, 1 yr.	\$ 1.75	\$ 2.95	\$ 4.15	\$ 12.75	\$ 20.75
2 yr.	2.50	4.05	6.00	18.75	31.50
3 yr. clumps	4.00	7.15	10.65	31.50	51.50
Mary Washington Asparagus, 1 yr.	1.50	2.50	3.95	12.00	20.00
2 yr.	2.25	3.65	5.50	17.50	30.00
New MacDonald Rhubarb Divisions.....	12.00	20.00	35.00	150.00	285.00
(65c each—5 for \$3.10)					
Linneaus Rhubarb, 1 yr. (5 for \$1.00).....	4.25	6.75	10.00	37.50	65.00
2 yr. (5 for \$1.50).....	6.25	9.50	16.50	52.50	100.00
Maliner Kren Horseradish					
Root Cuttings (5 for 95c).....	2.50	4.50	6.10	19.50	30.00
Whole Roots (5 for \$1.35).....	5.00	8.65	13.50	47.50	80.00

— Special Prices Quoted in Large Quantity Lots for Commercial Plantings —

SAGE—SPEARMINT—SWEET ANISE—Price 35c each, 5 for \$1.55 postpaid.

SPECIAL NOTICE

When order includes Nursery items priced in Catalog as "Prepaid" and others "Express collect," the entire order will be sent "Express Collect." In this case you may deduct 5% from the "Postpaid" prices when remitting.

SCARFF'S NURSERY & SEED FARMS

1500 + ACRES. CATALOG FREE
DRIVE-IN, NEWCARLISLE, PA.

A FRUIT GARDEN FOR EVERY HOME
GET THE HIGHEST QUALITY FROM SUGAR-RICH BUSH RIPENED
FRUIT—PICKED FRESH AND BRIM FULL OF VITAMINS

1. Developing the fruit garden takes you out of doors in the pure open air and to get that mild exercise so necessary to keep you in the "Pink of Condition."

2. These home-grown fruits are always a joy to the gardener and are just as much fun to grow in your garden as flowers or shrubbery and besides they will provide the natural vitamins necessary to balance the deficiencies of our modern diet.

3. Good health and a good avocation help to relieve the stress of present-day living.

4. Scarff's Nursery Stock and Farm Seeds will give you that extra value always so necessary for the success or profit in any venture.

Guarantee on Nursery Stock We warrant our nursery stock true to name, with the express understanding that should any not prove so we will refund the money paid or replace with other stock of equal value, but are not liable for damages beyond this amount. We exercise every precaution to keep all varieties from mixtures. Propagating buds and wood are taken from our own bearing orchards and accurate records are kept of all stock in nursery row. All shipments are packed carefully and we guarantee all plants in good condition on arrival.

Claims or complaints on condition of stock on arrival must be made promptly on receipt of same and satisfactory adjustment will be made. The living of trees and shrubbery is largely dependent upon conditions of weather and after care beyond the Nurseryman's control; therefore, we do not guarantee any stock to live other than leaving the nursery in good condition and safe arrival to our customers. Nevertheless, we will replace any nursery stock, except evergreens, at half purchase price if the complaint is made by July 15th of that same year.

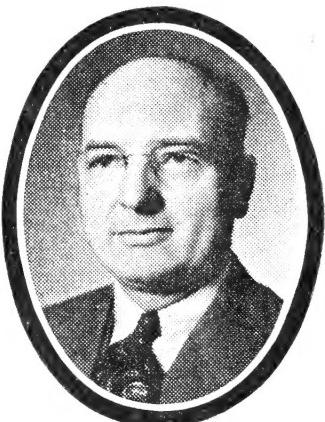
Farm Seed Disclaimer . . .

We allow you 15 days to test it any way you see fit, and if at the expiration of this time it is not entirely satisfactory, return it to us promptly by freight. Send us the bill of lading and we will refund your money, but we do not warrant in any way, express, or implied, the contents, or the description, quality, productivity, or any other matter of any seeds or plants sold by us and we will not be in any way responsible for the crop. If the purchaser does not accept these goods on the above terms, he must return them at once, and money will be refunded.

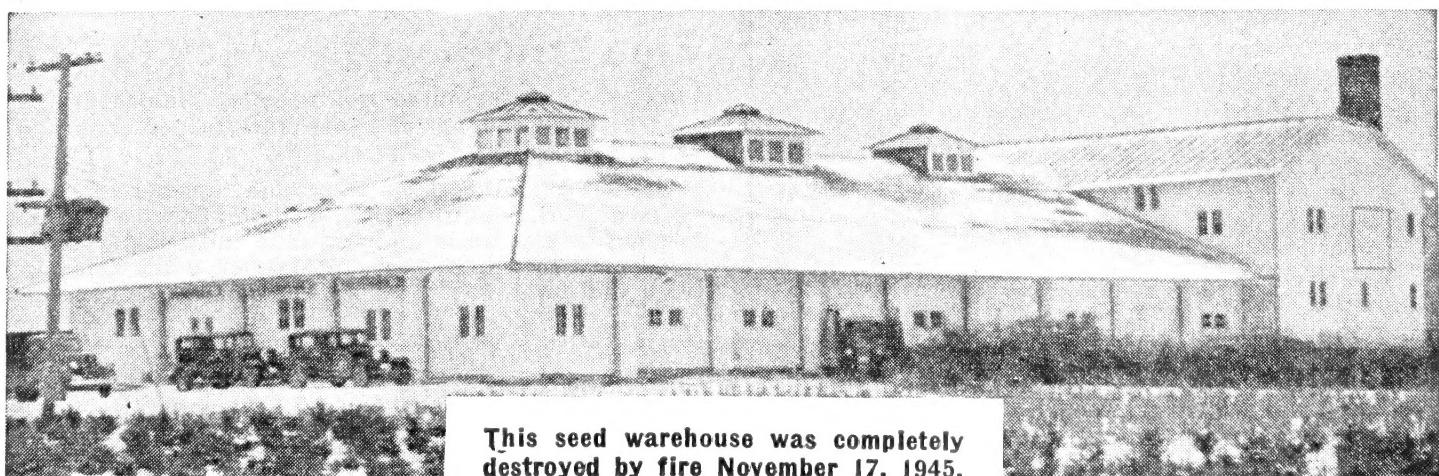
Our Terms: Payments invariably in advance, or one-fourth down, balance C. O. D.



MAX M. SCARFF
Mgr. Farm Seed and
Live Stock Depts.



HOWARD N. SCARFF
Mgr. Nursery and
Fruit Depts.



This seed warehouse was completely destroyed by fire November 17, 1945.

OUR NEW MODERN HYBRID SEED CORN PLANT is nearing completion. The new shelling and grading equipment has been installed and used to process this year's seed. Just as soon as the plant is completely finished and machinery in permanent place we will run pictures in our publications showing how our Hybrid Seed Corn is carefully processed from the field to the bag ready for planting. There is a reason why Scarff's Hybrid Seed is better.

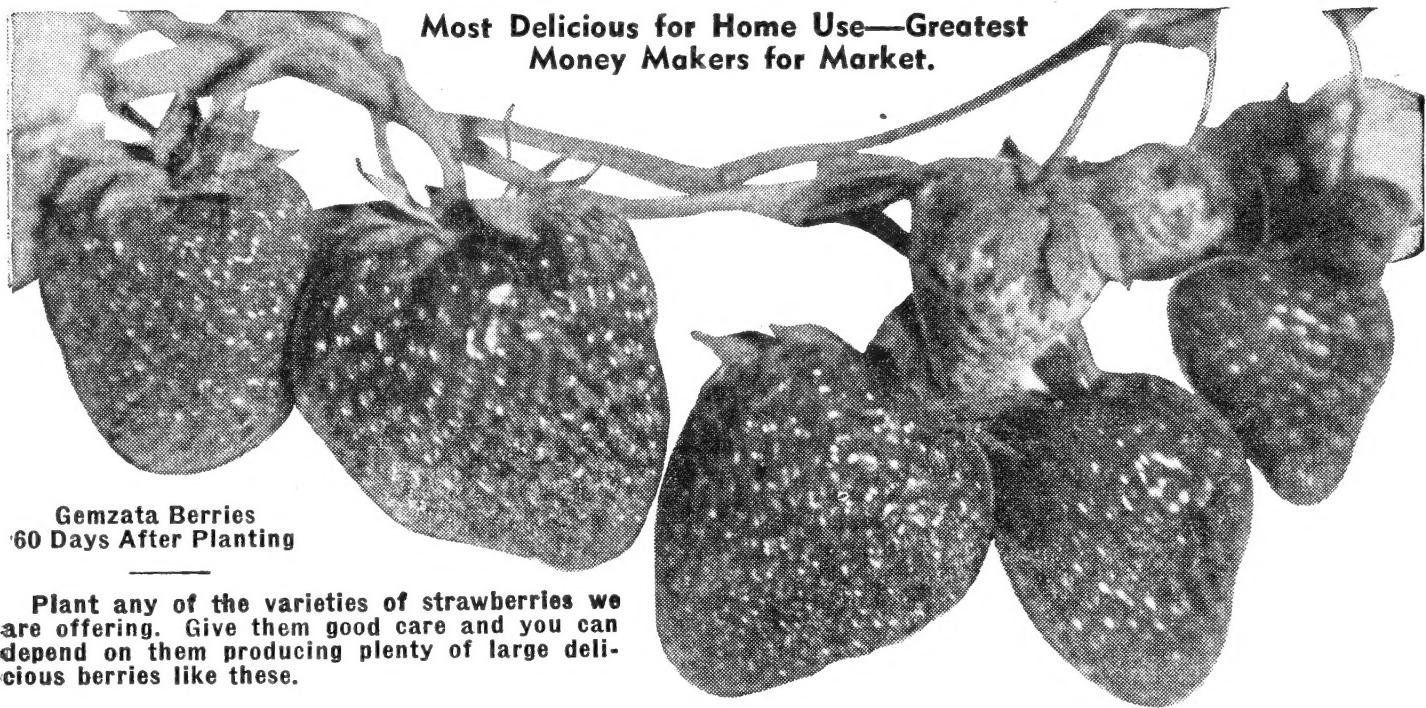
• • Strawberries • •

How to Grow Them: Wherever you have a few feet of space in the garden you can plant delicious fruit in season. You will find that your home grown fruit, that can be picked absolutely fresh, has a much finer and sweeter flavor than the shipped fruit or that picked several days before being eaten.

Any good rich soil will grow Strawberries. Plant them in rows about 1½ ft. and 3 ft. apart. Keep the soil well cultivated and hoed the first year and when the ground freezes up in the fall put on a medium to light mulch of straw or leaves. Water the plants when setting. Additional watering is desirable during extreme dry periods of the summer. Rich, well decomposed manure is best fertilizer. If not available, then make spring application of any good commercial fertilizer rich in Nitrogen.

A Luxury for the Home Garden

Most Delicious for Home Use—Greatest Money Makers for Market.



Gemzata Berries
60 Days After Planting

Plant any of the varieties of strawberries we are offering. Give them good care and you can depend on them producing plenty of large delicious berries like these.

• EVERBEARING VARIETIES •

THESE TWO VARIETIES ARE THE ARISTOCRATS OF ALL EVERBEARING STRAWBERRIES

Gemzata Best Everbearer for a good matted row and heaviest yield; also most dependable for both the Spring and Fall crops. Berries are large, sweet and delicious flavor—so sweet that no sugar is needed, and are perfect for serving as dessert and for canning. At the time of this writing (Oct. 10th) we are still picking plenty of these fine Gemzata berries for our personal use here in the nursery test rows.

Strawberry Prices

Sold Only in Multiples of 25

	Postpaid		By Express Not Prepaid		
	25	100	250	500	1000
Dunlap.....	\$1.05	\$2.85	\$ 5.25	\$ 8.50	\$15.00
Blakemore.....					
Other Standard Varieties	1.30	3.50	6.75	10.50	17.50
Gemzata Everbearing	2.40	6.50	13.00	20.00	32.50
Streamliner (New Superior Everbearer)	3.15	8.25	16.75	26.50	45.00
Quantity Prices:	3000 to 5000 lots, 10% less than 1000 rate. 5000 lots and up, 15% less than 1000 rate.				

Streamliner New Sugar Sweet Variety—Large size and rich red clear to the core. Considered by nurserymen to be the finest everbearing variety. It is especially recommended for the Hill System and general garden planting. The berries are large in size, very highest quality, rich red in color and sugar sweet. They just melt in your mouth. Also excellent for canning and freezing. The spring crop comes on early and compares favorably with other spring bearing varieties. However, it is the late summer and fall crop that is the best and most appreciated. The berries seem to develop a richer flavor and deeper red color. Here is one variety which is a "must" for every home garden.

Ripe Strawberries—May to Oct.

A fall crop three months after planting.
Three heavy crops of sweet vine-ripened berries in 18 months.

Plant either the Gemzata or the Streamliner everbearing varieties in early spring. They will start bearing late summer and continue until heavy freezing weather. The second crop is picked the following May and June; the third crop follows in the autumn of the same year.

Brief cultural directions for the various kinds of plants are included in this Catalog. With each order of Nursery stock you will receive free a copy of our Booklet "Successful Planting."

SPECIAL NOTICE When order includes Nursery items priced in Catalog as "Prepaid" and others "Express Collect," the entire order will be sent "Express Collect." In this case you may deduct 5% from the Postpaid prices when remitting.

• • Strawberries •

STANDARD SPRING BEARING VARIETIES

Two New Strawberries Worthy of Every Garden

New Robinson (Early midseason.) Here is a new variety originating in the commercial fruiting section of Michigan that is gaining favor by leaps and bounds for both home and market. This popularity is well deserved because of its wide adaptability and habit of making a better plant row than Premier, because of its fruitfulness (almost half again as many as other standard varieties), and its very large attractive berries—which, of course, bring top prices on the market. One large grower has acclaimed, "These (Robinson) berries in all respects are the finest we have had in the past twenty years."

Sparkle This new variety ripens after Catskill, thus extending the strawberry season with quality berries to the last. It has all of those good characters you want in a variety for table and culinary use, so it ranks "Tops" for home planting. The berries are good medium size, most attractive, slightly dark red in color, and with a glossy finish almost like they were varnished. Sparkle has much the quality of Fairfax (one of its parents) and is an excellent freezing variety, ranking above most others for this purpose. The plants are vigorous and make an abundance of runners.

See Page 2 for Strawberry Prices

Dorsett and Fairfax

Highest Quality—Largest Size of any of the early season Strawberries

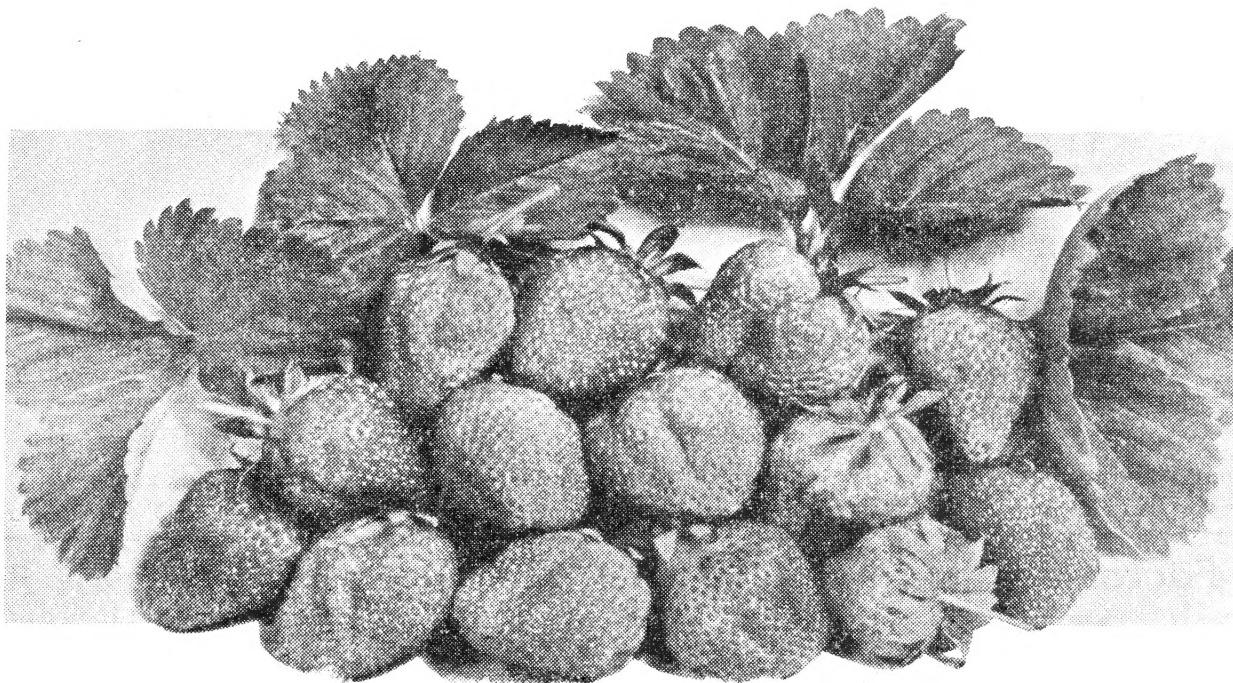
Dorsett is the early variety surpassing Premier in quality and production.

Fairfax is supreme in quality—a flavor you can't forget. Berries intense bright red, with waxy luster and are outstanding for the home garden and local market.

Premier (PER.) The Premier is one of the most popular varieties that we offer and it well deserves all the praise that can be given it.

1. Premier is the first to ripen.
2. Fruit large size and deep red color.
3. Firm flesh and excellent quality.
4. Heavy yielder and makes thrifty growth.
5. You can depend on Premier for a good crop when other varieties are a failure.

Catskill An outstanding midseason variety introduced by the New York Agric. Experiment Station and well stands at the top as a late midseason variety of large size berries, heavy yields and a sure cropper. The large bright red berries are most attractive even though not as fine a finish as some of the early varieties. Quality equal to Premier, ripens in midseason and continues through the late picking period.



NEW ROBINSON is making an excellent record in Home and Commercial Plantings.

VARIETIES TO PLANT

For the Home Garden

Early: Dorsett (bright red) and Fairfax (dark red).

Early Midseason: Robinson

Midseason: Catskill

Late: Sparkle

For Commercial Planting:

Premier, Robinson, and Catskill, in order of ripening. Sparkle for trial as a late variety.

SPECIAL STRAWBERRY GARDEN

25 Fairfax	Regular Price
25 Robinson	\$5.20

25 Catskill	Special Garden Collection
25 Sparkle	Price, \$4.35 Postpaid

50 each above varieties (\$10.00 value)
200 Plants \$8.65 Postpaid.

100 each above varieties (\$14.00 value)
400 Plants \$11.75 Postpaid.

H. E. Bickel — June 18, 1946 — Ohio
Last year I purchased New Robinson Strawberry plants from your company. In the fall I had a beautiful patch with rows just the right thickness; this Spring when they started to blossom, I had one solid mass and no sign of rows. The New Robinson are the most beautiful berries I have ever seen, with some having the size of pullet eggs.

J. W. Bauersachs — July 3, 1946 — Ohio

Regarding the 5,000 New Robinson Strawberry plants you furnished us in the spring of 1945, would advise that these berries in all respects are the finest ones we have had in the past twenty years.

Blueberries



Serve Fresh
with Sugar
and Cream or
Bake Delicious
Toothsome Pies

Blueberries Large as Grapes

Improved U. S. Gov't. Hybrids

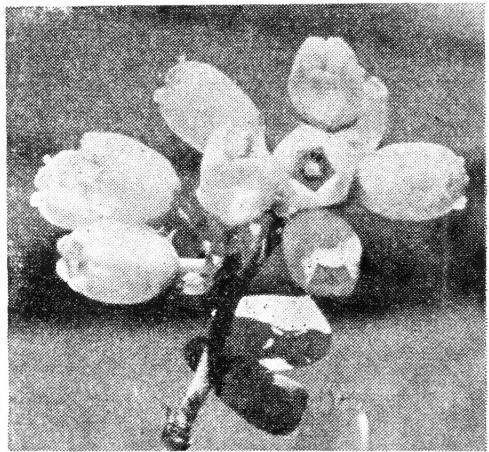
Delicious Flavor—Profitable—Ornamental

Large clusters of sapphire blueberries; plump, tender, practically seedless, the size of grapes and far superior to the wild Blueberries in flavor.

Delightfully Ornamental —No shrub is of greater beauty the year round than the Blueberry. During the summer the foliage is a deep, rich satiny green, and against this background hang clusters of berries royal in their magnificence. The leaves are crimson and a bronze in autumn and twigs red in winter. In the spring are the pink buds and the white flower bells.

Fine varieties developed by the U. S. Dept. of Agriculture. We are offering RANCOCAS, RUBEL and JERSEY varieties ripening from early to late in order named. All large fruited, highest quality, widely adapted and thrifty upright growers. Plant at least two varieties together to insure proper pollination.

SCARFF'S Blueberries are the largest cultivated varieties, improved by the Government in the Whitesbog country of New Jersey. Give them an acid soil condition and plenty of moisture. They start to bear in one or two years and will continue to produce heavy crops for many, many years.



Prices on Cultivated Blueberries

By Express F. O. B. New Carlisle, Ohio

Price for Heavy Plants	Each	3	10	25	100
6-12"	\$1.40	\$3.45	\$10.00	\$21.25	\$ 72.50
12-18"	1.85	4.65	13.50	28.75	95.00
18-24" Heavy Bearing Age 2.85		7.30	20.00	43.75	140.00

Plant two or more varieties together for proper pollination.

Fine Horticultural Acid Peat Moss for Blueberries—\$1.00 per bag. (Approx. 1 Bu.)

Blueberry Blossoms

Delicate sparkling white and as attractive as orange blossoms.

Cultivated Blueberries prefer an acid soil containing an abundance of peat or other partially rotted vegetable matter. They also need a moderate supply of moisture and good drainage. If your soil is not already acid this condition may be created easily by mixing with the surface soil a liberal quantity of acid peat, partially rotted leaves, pine needles, sawdust or chip dirt. Flowers of Sulphur will also help to maintain soil acidity.

Factors Influencing the Early Bearing of Small Fruit Plants



Attractive Shrubs Loaded with Delicious Blueberries—Finest of the Ornamental Fruits.

1. Set out plants as free from disease as possible. At all times dig out and burn any plants which are distinctly unhealthy. This does not apply to leaf spot or anthracnose on the leaves which may be controlled by spraying. (See spray recommendation for the various plants on other pages of this catalog.)

2. Keep your plantings in good culture by frequent stirring of the soil, and free from weeds and grass.

3. Top dress with an abundance of nitrogen fertilizers in early Spring—checking growth in early August. Oats is often planted between the rows at that time as a cover crop.

4. Loose, loamy, well-drained soils rich in humus are best for all berry plants; a northerly slope is desirable but not a necessity. Avoid low ground and frost pockets.

5. Set out varieties adapted to your locality. Most of our catalog descriptions cover this point.

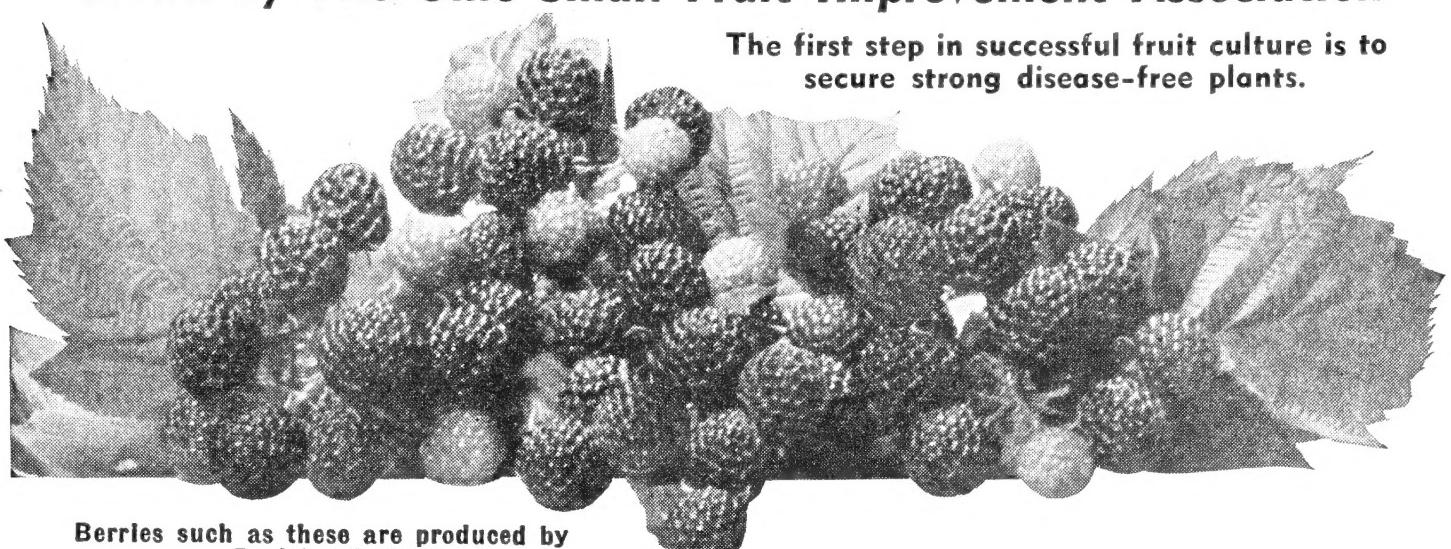
6. The Everbearing varieties of Raspberries and Strawberries will usually produce some fruit the first Autumn after planting.

7. At all times follow good cultural practices. Many of these are listed briefly in this catalog and in our "Successful Planting" booklet which is mailed with each order.

Scarff's Registered Raspberries

Grown by The Ohio Small Fruit Improvement Association

The first step in successful fruit culture is to secure strong disease-free plants.



Berries such as these are produced by Registered Plants

• REGISTERED VARIETIES •

LOGAN This is the most popular variety with the members of the Ohio Small Fruit Improvement Association. The reasons for the choice are quite well stated by one of the growers and we quote:

Sept. 20, 1946

"Our best yield from the New Logan variety was 3700 quarts per acre in 1943. Cumberland under comparable conditions in the same planting that year yielded 2500 quarts per acre. Each year the New Logan have outyielded the Cumberland in our planting. In part, the better yield of New Logan has been due to the fact that this variety produces the berries before summer drouth conditions become critical. Another factor is resistance to disease and ability to withstand adverse conditions in general."

—H. F. Winter

We have a very fine stock of Registered Logan plants this year.

BRISTOL This variety is rapidly gaining favor for both home and commercial planting because of its high quality fruit and wide adaptability of the plants. (For more complete description see page 7.)

CUMBERLAND This variety has been the standard of all Blackcap Raspberries for a long period of years and still is the choice of both the home and commercial growers who understand its weakness and keep their plantings in full vigor. The berries are large and of the very highest quality.

What Are Registered Plants?

Registered Raspberry plants are extraordinarily free from disease; they are strong and vigorous and true to name. They are grown only by the Ohio Small Fruit Improvement Association. Registered plants are produced under regulations which allow not more than one per cent of virus disease and not more than one-fourth per cent of galled plants in the parent plantings.

Given proper isolation from outside disease sources and proper cultural care, Registered plants will produce for you a healthy, high yielding, profitable raspberry plantation for a long period of years. Losses from the virus diseases and from gall will be negligible. Yield records taken in many plantings from registered and unregistered stock have proved this. Look at the yield records.

Start right with the best stock obtainable—Registered.

Prices Registered Raspberries

Registered plants available in Cumberland, Bristol, and Logan Blackcaps this year.

(For variety descriptions, see pages 5, 6, and 7)

Prices per	Postpaid		By Express Not Prepaid		
	25	50	100	500	1000
	\$3.65	\$6.25	\$9.75	\$37.50	\$60.00
3000 lots and up—\$55.00 per 1000					
5000 lots and up—50.00 per 1000					

LOGAN BLACK CAP

Highly Resistant to Mosaic and Other Virus Diseases

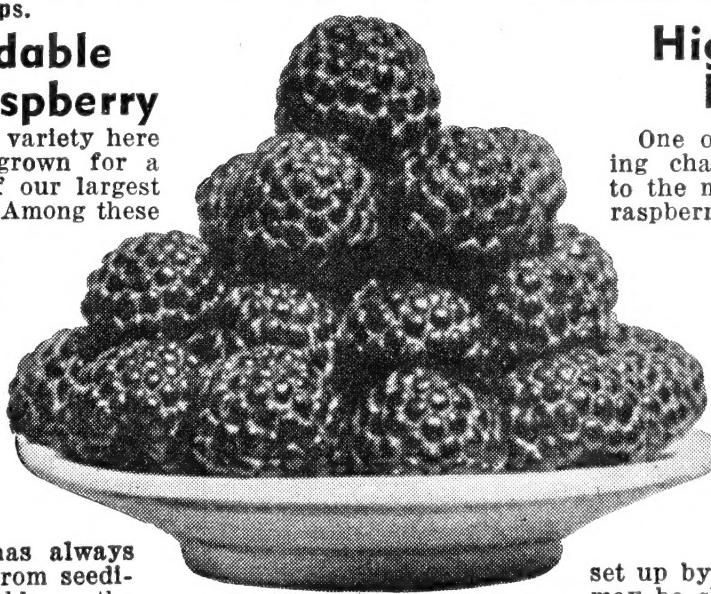
Every grower of Black Cap Raspberries should have a good block of this Logan variety. It is the best early Black Cap grown in Ohio and yields as heavy a crop as any midseason variety. It withstands dry, hot weather better than other Black Caps.

Most Dependable Early Black Raspberry

The Logan is not a new variety here in Ohio as it has been grown for a number of years in one of our largest commercial berry sections. Among these growers this variety through sheer merit has replaced other standard kinds until at present more than three-fourths of the plantings are New Logan. The berry ripens one week earlier than Cumberland; it is a heavier yielder and the glossy black berries are as large as that variety. It holds well through drought and in fact the last picking has always proven as fresh and free from seediness and tendency to crumble as the first.

Highest Prices on Early Market

One of the New Logan's outstanding characteristics is its resistance to the more serious virus diseases of raspberries. It seems to outclass all other black cap varieties in this respect and this is one of the primary reasons why it has gained popularity among the growers who depend on black raspberries for their livelihood.



The Raspberry plants offered on pages 5, 6 and 7 of this Catalog are State Certified plants complying with the standards of inspection set up by the Central Plant Board and may be shipped anywhere in the U. S. (except certain counties in Oregon).

MORRISON BLACKCAP

• The Outstanding New Late Season Raspberry •

A Money Maker For the Commercial Grower and a Berry
that You Will Be Proud to Produce

Originated in Northern Ohio as a chance seedling
by the late Fred Morris

We quote Mr. Morris: "In fruit it has the biggest black raspberries that I have ever seen and I have been growing Cumberland for years but they look small beside the Morris (introduced as Morrison). Had vines that were 12 years old and still doing well."



New Morrison Blackcap

MORRISON Berries hold up longer in grocery and market displays. They will outyield other black raspberry varieties and finally **They Make More Dollars for the Grower.**

SCARFF'S BERRY PLANTS ARE BETTER

1. Over 50 years' experience with small fruit plants and we now offer the best varieties for home and commercial planting.

2. Heavy, well-rooted plants in excellent growing condition. You can depend on satisfaction with the stock we send you.

3. All raspberry plants have been twice inspected in the field in the growing season and may be shipped into any state, except certain counties in Oregon.

Summer Pruning of Black Raspberries

In order to promote strong stocky plants, the terminals of new blackcap canes should be pinched out when they reach a height of 18 inches. This procedure stimulates lateral growth which will produce most of the fruit the following year. Fruiting canes are removed immediately after harvest.

WINTER PRUNING—Blackcaps should be pruned in late winter. The laterals should be cut back very severely to a length of 8 to 12 inches from the main cane.

BEARING AGE RASPBERRY PLANTS

Gain a year and produce fruit the first season. This is choice stock and we can furnish at the following prices:

Prices Per Bristol (Black) Indian Summer (Everb.)	Postpaid			By Express Not Prepaid			
	12	25	50	100	250	500	1000
Marion (P'ple)	\$3.65	\$5.75	\$10.25	\$17.95	\$39.85	\$68.95	\$98.75
Cumberland (Black)							
Latham (Red)..							
Logan (Black)							
Newburgh (Red)	2.95	4.90	8.65	14.85	33.75	60.00	90.00
Sunrise (Red) ..							
Taylor (Red) ..							

MORRISON is being enthusiastically accepted by the commercial growers who have seen it. Here is what they say:

"Not just another Black Cap."

"Largest Black Raspberry I have ever seen."

"The most promising late black raspberry growing at the New York Station."—Geo. L. Slate.

"Morrison proving the most outstanding Black Cap I have ever seen and I guess I have grown most of them."

"Larger and firmer than Cumberland. Does not crumble. Hold their size to the last of the picking season."

BEST ADAPTED TO NORTHERN STATES

Our experience to date (1946) with this New Morrison Raspberry, after having it grown in many sections of the United States, is that it does the best in the northern half of the fruit belt—north of Cincinnati, Ohio. Like all other black raspberry varieties, it is subject to Anthracnose which may be easily controlled by spraying. For Central and Southern sections, the Bristol Black Cap seems best adapted.

MORRISON excels as a berry for both home and commercial planting. The large attractive berries meet all culinary requirements. They are high in quality, firm texture, juicy, not so seedy as other blackcaps.

GROWER LIKES MORRISON

Here is a statement from the grower who produces our Morrison plants. He is one of the best in the business and his plantings as fine as can be found anywhere. He states: "The heaviest picking was July 14th; we had a 4000-quart picking that day. The size of berries was large and held up to the last picking. Those sold to wholesale brought 60c per quart, while other varieties including Cumberland brought 50c on the same market. I sent none to Pittsburgh, but my neighbor sent some Morrison and they sold for \$14.40 per 24-quart crate. The general market was \$12.00 per crate."

In planting these Bearing Age Raspberries it is important to cut the tops back to within 10 or 12 inches of the ground. This may reduce the quantity of fruit produced the first year, but at the same time it will assure you of a good substantial growth so necessary to establishing the plant for future production.

~~~~~  
See page 7 for prices of 1 yr.  
Black Raspberry plants.  
~~~~~

Scarff's Nursery Stock All State Inspected

Each year a Deputy Inspector from the Division of Plant Industry spends several days carefully examining all plants and trees growing in our Nursery. Any traces of disease or injurious insect pests are immediately eradicated by various control measures.

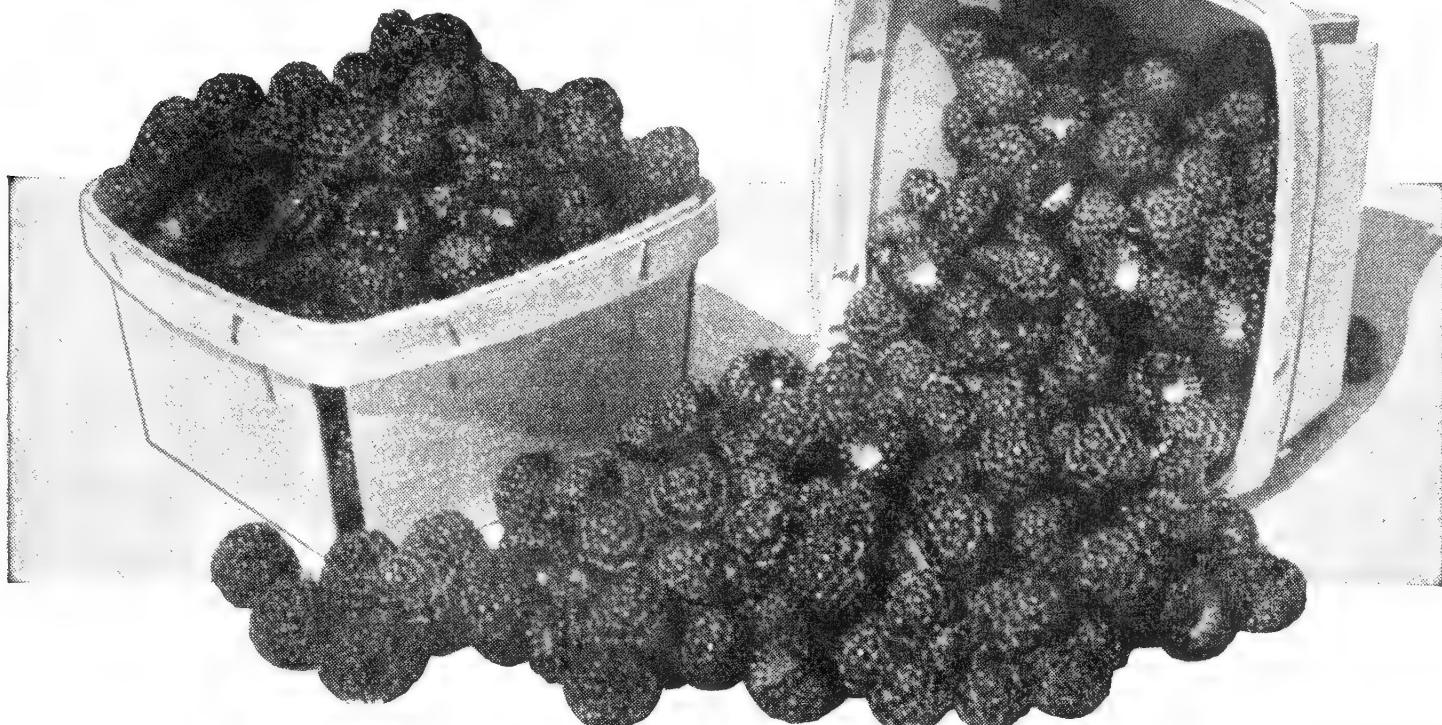
This is an added protection and assurance to our customers that you are getting good clean Nursery Stock. A copy of our State Nursery Certificate accompanies each shipment.

BRISTOL

HIGHEST QUALITY
WIDELY ADAPTED

• Best Variety for Home Planting. Thrifty in Growth—Very Productive. •

The first step in successful fruit culture is to secure strong disease-free plants.



Suggestions for Successful Raspberry Growing

1. Plant dependable disease-free stock.
2. Maintain proper isolation from other diseased or wild plants.
3. It is generally recommended that red and black Raspberries should not be grown within at least 20 rods of each other. An exception to this would be that our Logan Blackcap and Newburgh or Marcy Red Raspberries are sufficiently disease resistant that they can be planted side by side.
4. Any plant showing any symptoms of disease should be promptly removed and burned.
5. All Raspberry plants should be set very early in the spring. Better have us reserve your planting stock now and we will send to you at proper season.
6. All Raspberry plants are benefited by liberal applications of manure, Sulphate of Ammonia or other Nitrogen fertilizer.
7. To maintain bright clean thrifty canes and control Anthracnose use Dry Lime Sulphur 10 pounds to 50 gallons water. Spray each spring while still dormant on buds just beginning to show green. When the tip plants are first set out cut off the old stems to the ground.

BRISTOL is an excellent quality berry, large, glossy and attractive. The bushes are hardy, vigorous and bear very heavy crops of the most delicious fruits. Although a comparatively new variety, Bristol has already taken a high ranking place among the best of the Blackcap Raspberries for both home and commercial planting.

BRISTOL Has Rapidly Gained Popularity as The Best Midseason Blackcap.

Commercial growers from the New York and Michigan berry sections, down as far south as Oklahoma, highly praise this Bristol. It has proven to be very thrifty in growth and most productive and the very highest quality of all Blackcap varieties. We have found it to be widely adapted and producing heavy crops even in the semi south and southwest where heat and leaf spot are ruinous to other kinds.

Unexcelled for Pies, Canning and Freezing.

Early Planting is Best

All Raspberries prefer a good well drained loam soil high in fertility and the best fruits are produced only when plenty of fertilizer, high in Nitrogen, is supplied. Plant early in the spring just as soon as you would plant your early onions in the garden. Here in central Ohio this is the first of April. Prepare the ground carefully and in planting be sure to firm the earth well around the roots with loose soil over the growing buds, so that the plant sets just a little deeper than it was in the nursery row. Cut the old woody canes off at the surface of the ground. The average planting distance for all Raspberries is 3 feet apart in 6 foot rows. Do not permit the soil to bake or crust around the plants at any time. A mulch of good clean straw is desirable to hold a good even supply of moisture.

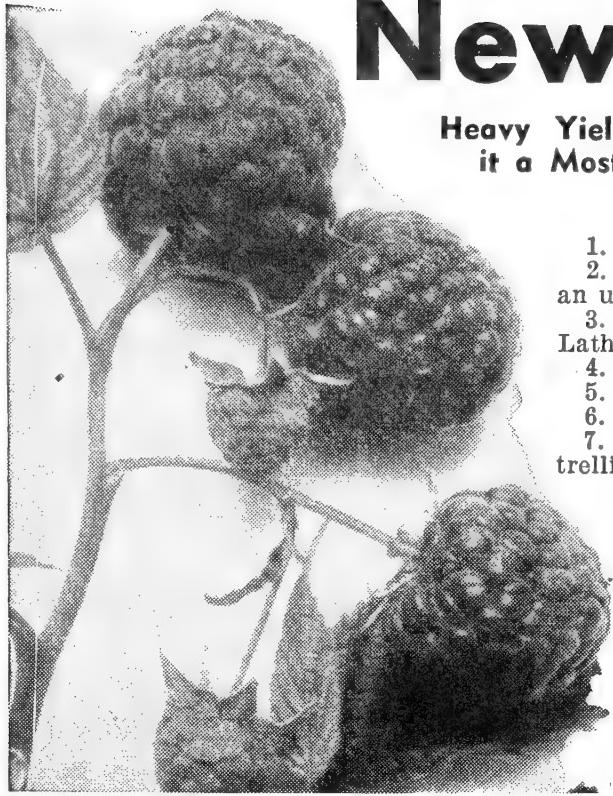
All Raspberries thrive best in loose, well-drained loam soils which contain an abundance of humus. Old Bluegrass and Alfalfa sods, if plowed under a full year in advance of berry planting, provide an ideal soil condition.

Commercial Planters, let us quote you special prices on blackcap raspberry plants in quantity lots.

See Page 6 for prices on Bearing Age Raspberry Plants.

PRICES—BLACK RASPBERRY STATE CERTIFIED PLANTS

Prices Per	Postpaid			By Express Not Prepaid			
	12	25	50	100	200	500	1000
Strong 1 yr. plants							
Morrison	\$2.35	\$3.65	\$6.25	\$9.75	\$17.85	\$37.50	\$60.00
Bristol	2.00	3.25	5.95	8.75	16.20	33.75	50.00
Logan—Cumberland	1.80	2.90	4.75	7.50	14.50	30.00	45.00



Attractive Newburgh Berries

Sunrise

Extra Early Red

Ripens fully two weeks before Latham. Prolific fruiting, high quality, extreme hardiness and health of the canes, and the good bright red colored berries make Sunrise the finest very early Red Raspberry. Especially desirable for the home garden because of the long fruiting season. Introduced 1939 by U. S. Dept. of Agr.



Large Sodus
Raspberries

Very large, late purple Raspberry to follow Sodus in season of ripening. The berries are very large, holding up well in size throughout the season, moderately juicy, firm, tart and good in quality. The fruits tend to cling to the bushes but not so much as to be objectionable. The plants are vigorous, bear heavy crops, are hardy and tend to resemble a red Raspberry in appearance. Marion is the largest of all the purple Raspberries and possibly the largest of all raspberries we offer.

Prices—Red and Purple Raspberries. See pages 6 and 9.

Newburgh Bright Red Berries Resistant to Mosaic

Heavy Yielding, Large Size and Highest Quality Fruits Make it a Most Desirable Variety for Home and Market Planting.

Description of Newburgh

1. Has so far proven most resistant to Mosaic.
2. Very productive. Fruit very large and holds its large size over an unusually long season. Extremely hardy.
3. The flavor is mild and quality good, decidedly better than Latham.
4. Berries are attractive bright red, very firm and do not crumble.
5. Season of ripening is a few days earlier than Latham.
6. Plants are medium in height; canes stocky and well branched.
7. It is best to support the Newburgh canes with wire, stakes, or trellis as the heavy laden canes are often pulled to the ground.

Cultural Suggestions for the Red Raspberries

1. Planting distances and general care similar to Blackcaps (see pages 6 and 7).
2. Prune fruiting canes back approximately one-fourth of their total length during late winter. Thin out weaker sprouts leaving strong fruiting canes 6 to 8 inches apart in the "hedgerow." Be sure to take out old fruiting canes after harvest.
3. Dust foliage with sulphur to control leaf spot.
4. Cultivate thoroughly or mulch to retain moisture and keep weeds down. Check growth during August to mature wood that it may escape winter injury.

We consider Sodus the best all around purple Raspberry. Marion is larger in size and a beautiful berry—follows Sodus in season and is perhaps the largest of all Raspberries.

Both Sodus and Marion thrive better in Southern States than other Raspberry varieties. They seem to hold up better under drouth and heat conditions.

Sodus

New Large Purple Raspberry

Considered heaviest yielding of all Raspberries.

Attractive, firm, sprightly and good quality. Picks easily and does not crumble. Plants are hardy, vigorous, very productive of heavy annual crops which ripen shortly after Latham.

Heaviest Yielding—To our knowledge Sodus is the heaviest yielding of all Raspberries and if picked at the right stage has attractive color which brings a high market price.

Drouth Resistant —Sodus withstands drouth, heat and other adverse weather conditions and comes through with a crop when most varieties of Raspberries fail. We highly recommend it as a berry for home planting, local markets; and for commercial canning we believe it will completely replace Columbian, long the favorite.

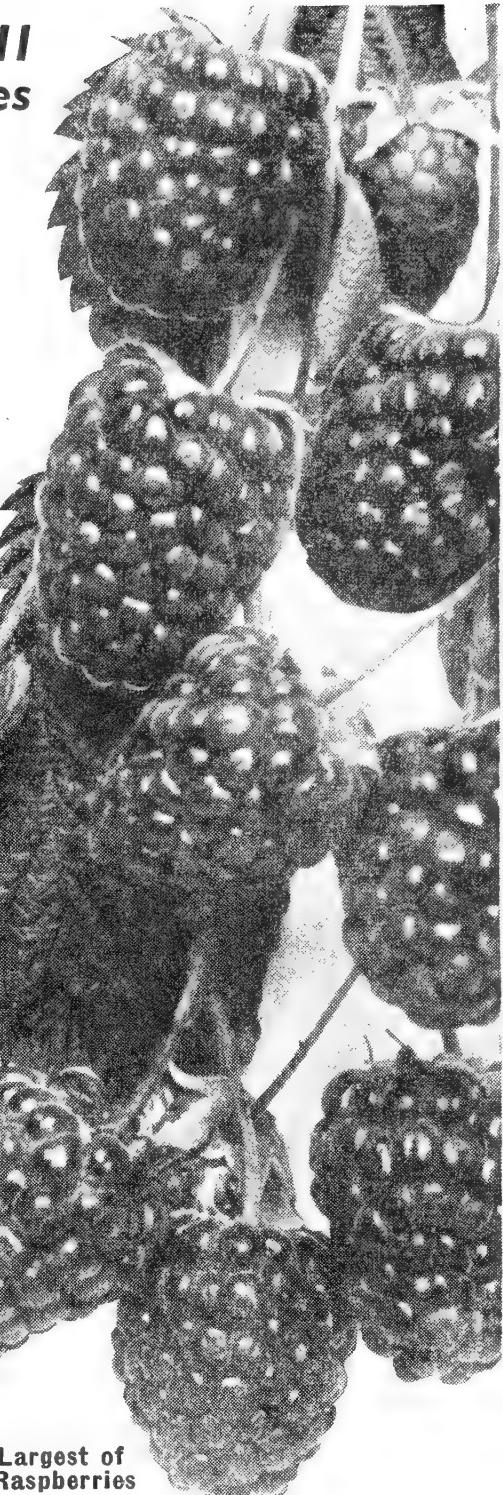
Marion

Largest of All Raspberries

Marcy . . . Largest of All Red Raspberries

Has the qualities which make for a "TOP NOTCH" Variety

Individual berries are very large—largest of any at the New York Experiment Station—long conic, firm, thick fleshed, medium red with a bright gloss, mild in flavor and good in quality. Definitely superior in stature of canes which are hardy, vigorous, upright and producing their fruit well off the ground. We can highly recommend it for home planting because of its very large high quality berries, vigor and productiveness of the plants. Season two or three days earlier than Taylor. Marcy has been grown for four years in a test planting where Mosaic spreads very rapidly and thus far has escaped infection.



Indian Summer

A Great New Everbearing Red, far superior to any other variety of this type. Produces two crops in one year. Prized for its extra early summer crop—before Chief or other early reds. Autumn crop starts in September and continuing until a heavy freeze. The fall fruits are quite firm and of decided commercial value. Berries are large, roundish conic, medium red, good in quality, rather soft but still firm enough for local market. The plants are vigorous and produce heavy crops both spring and fall. Indian Summer is an exceptionally fine berry for the home garden because of its two distinct crops the same year and its long fruiting season.

Taylor

Most promising commercial variety at the New York Experiment Station Grounds.

The large, long, conic berries are firm, bright red in color, thick fleshed, sub-acid and of excellent quality. They do not cling to the bush as tightly as Newburgh. The plants are usually vigorous, tall growing and productive.

The pleasing sub-acid flavor and high quality will make Taylor a good sort for the home garden as well as for market. Taylor ripens about with Latham. It is the best late variety on trial at Geneva, N. Y.

Latham

Most Popular,
Most Widely Grown

Latham is a thrifty growing plant, a very heavy yielder of large, bright red attractive berries of firm texture and high quality. The fact that it thrives and has proven profitable under such a wide range of conditions is the reason for its universal popularity. We can recommend Latham as one of the best midseason varieties for every section of the U. S., and for either home or market planting and know that it will give satisfaction.

5430 quarts per acre is the report of three-year tests by Connecticut Agricultural College. Figure the returns on the basis of the present market.

Marcy, Largest of all Red Raspberries

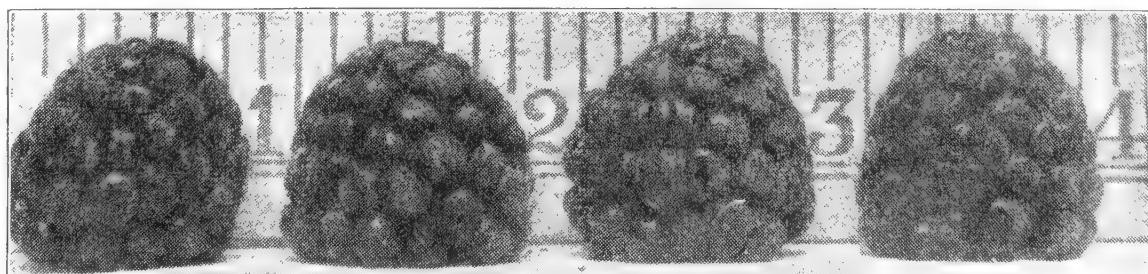
Red and Purple Raspberry Prices

All Twice Inspected State Certified Plants

Per	Postpaid			By Express Not Prepaid			
	12	25	50	100	250	500	1000
Ind. Summer (Everb.)	\$2.85	\$4.75	\$8.00	\$13.95	\$31.25	\$58.75	\$85.00
Marcy (Red) ..							
Marion (L'g'st Purple)							
Chief (Red) ..							
Latham (Red)..							
Marcy (Red) ..							
Newburgh (Red)	2.30	3.65	6.15	10.50	25.65	41.75	65.00
Sodus (P'ple) ..							
Sunrise (Early Red)							
Taylor (Red) ..							

Prices Bearing Age Raspberry Plants—see page 6.

Fruit of Latham almost one inch in diameter, ripens in midseason, extremely hardy and easy to grow.



Thornless Boysenberries

Highest Quality of All Bramble Fruits



We consider Boysenberries, Nectarberries and Youngberries the finest vine berries yet developed. They have a delectable flavor and a rich deep red juice surpassed by no other fruit, in our estimation.

NECTARBERRY

Richest flavor of all. Heavier yielding over a long period. Fruits average even larger than Boysenberries. Originated from the seed of a large Youngberry.

Attention was attracted by its particularly large juice cells and the berries themselves, also, were the largest berries in the patch. When sampled, however, the next surprise came, for there was so much more "body" to the flavor, and more flavor, as it seemed, and although sweeter, appeared to carry with it so much of the tang of the raspberry that it was wondered if the bees had crossed the Youngberry from which it came, with the raspberries or blackberries in nearby rows.

Genuine Nectarberry plants are not plentiful—yet our prices are very reasonable for a new variety with so many good qualities.

Success with Boysenberries, Nectarberries and Youngberries

1. Very early spring planting is essential.
2. Use only heavy well grown plants and they prefer a rich moist well drained loam soil.
3. Set plants 4 to 6 ft. apart in 6 ft. rows.
4. Trellis after the first year or apply straw mulch under the trailing canes.
5. Clean cultivation until August.
6. Liberal spring applications of well rotted manure or Nitrogen fertilizer.
7. In states north of the Ohio River the canes will need to be placed on the ground and covered with straw or earth as protection during the cold weather. You will be well repaid for this extra protection.
8. Allow the fruits to fully ripen before picking to insure the highest quality.

The Youngberries start ripening their fruit soon after the Strawberry season and at a time when there are few other berries. The Nectarberries and Boysenberries follow later thus prolonging the season so that these marvelous berries can be enjoyed over quite a long season.

Thornless Youngberry Is a sport of the common type and is almost identical except that the canes are entirely thornless and smooth as velvet to handle with the bare hands. This, of course, is a decided advantage both when training and trimming canes and when picking the fruit. During the past severe winters the "Thornless" Youngberry has proven considerably hardier than the common. Yield is very heavy—in fact a one-year plot test showed the Thornless type to outyield the common Youngberry by twenty per cent.

THORNLESS BOYSENBERRY

El Monte Early Ripening Strain. Canes smooth as velvet. Ripens ten days to two weeks earlier than the common Boysenberry. The Boysenberry is truly a glorified Youngberry. We offer it because of the tremendous large size of the berries, because of its very prolific fruiting and lastly because we think that both the Boysenberries and Youngberries (both very similar in flavor) are the highest quality of all bramble fruits.

This thornless strain has retained all the good characters of its parent including its rugged, thrifty growth and hardiness. You can handle these canes with your bare hands and enjoy picking the large attractive fruits.



Boysenberries—Note the size—2 inches in length.

Price Boysenberries, Nectarberries, etc.

	Prices Per	6	12	25
Boysenberry, 1 yr.	\$1.55	\$2.60	\$4.00	
Bearing Age	2.45	3.75	5.85	
—Thornless, 1 yr.	1.65	2.75	4.20	
Bearing Age	3.05	4.85	8.25	
Nectarberry, 1 yr.	1.65	2.75	4.20	
Bearing Age	2.65	3.95	6.15	
Youngberry, 1 yr.	1.40	2.35	3.45	
Bearing Age	2.25	3.45	5.25	

Postpaid

	6	12	25
Boysenberry, 1 yr.	\$1.55	\$2.60	\$4.00
Bearing Age	2.45	3.75	5.85
—Thornless, 1 yr.	1.65	2.75	4.20
Bearing Age	3.05	4.85	8.25
Nectarberry, 1 yr.	1.65	2.75	4.20
Bearing Age	2.65	3.95	6.15
Youngberry, 1 yr.	1.40	2.35	3.45
Bearing Age	2.25	3.45	5.25

By Express Not Prepaid

	100	200	500	1000
Boysenberry, 1 yr.	\$12.00	\$22.50	\$39.85	\$72.50
Bearing Age	17.50	25.00	42.50	75.00
—Thornless, 1 yr.	12.50	23.50	42.50	75.00
Bearing Age	25.00	42.50	75.00	150.00
Nectarberry, 1 yr.	12.50	23.50	42.50	75.00
Bearing Age	18.50	37.00	75.00	150.00
Youngberry, 1 yr.	10.50	17.50	32.50	60.00
Bearing Age	13.50	25.50	47.50	85.00



Scarf's Heavy Fruiting Blackberries

ALFRED—Mammoth New Blackberry—Practically Coreless Highest Quality—Large Jet Black Berries—Exceedingly Productive

These are a few characteristics of the New Alfred Blackberry. This New Variety is taking first place in the plantings of the best commercial growers, producing larger crops of finer fruit than Eldorado, Blower and the other old reliable kinds.

For the Home Garden, Alfred is the ideal Blackberry. Think of a bush loaded with tremendously big jetty blackberries from $1\frac{1}{2}$ to $1\frac{3}{4}$ inches long, practically free from seeds, coreless and with a pulp fairly bursting with juice. That's Alfred.

Early Harvest The earliest to ripen and the most productive of the early sorts. Scarff's Heavy Fruiting Strain Early Harvest.

Eldorado This is one of the most valuable varieties for market and home use. It is a strong, upright grower and the fruit is jet black, never coloring red after picking; fully as large again as the average Snyder berry. The flavor is excellent, imparting a rich aroma, melting and juicy with but little core.

DEWBERRIES

Lucretia The berries are far larger and incomparably better than any blackberry and of unequalled excellence; soft, sweet, and luscious throughout; of brightest glossy black color. Most desirable variety for Ohio conditions.

Bearing Age Blackberries

Heavy two-year-old plants can be supplied in all varieties at prices 50% higher than listed below for our one-year plants.

BRAINERD BLACKBERRY

A New Tremendously Heavy Yielding Blackberry for the Central, Southern and Pacific Coast States

A trailing type much hardier and better in all other respects than the Himalaya. Brainerd is extremely productive of very large clusters of high quality berries when fully ripe and which contain relatively smaller seeds than other blackberries of this type. The Department of Agriculture has made numerous tests of this variety and because of its greater hardiness and tremendous yields of large, highly-flavored berries has deemed it a very worth-while variety and worthy of introduction.

Blackberry—Dewberry Prices

Prices Per	Postpaid			By Express Not Prepaid			
	12	25	50	100	250	500	1000
Alfred.....	\$2.25	\$3.65	\$6.15	\$ 9.75	\$22.50	\$42.50	\$65.00
Early Harvest.....				11.50	26.50	50.00	75.00
Brainerd	2.75	3.85	6.85				
Eldorado.....	2.00	3.25	5.65	9.35	20.50	37.50	60.00
Lucretia Dewberry.....							

CULTURAL SUGGESTIONS

Planting distances, pruning, and general culture same as for Red Raspberries (see page 8).

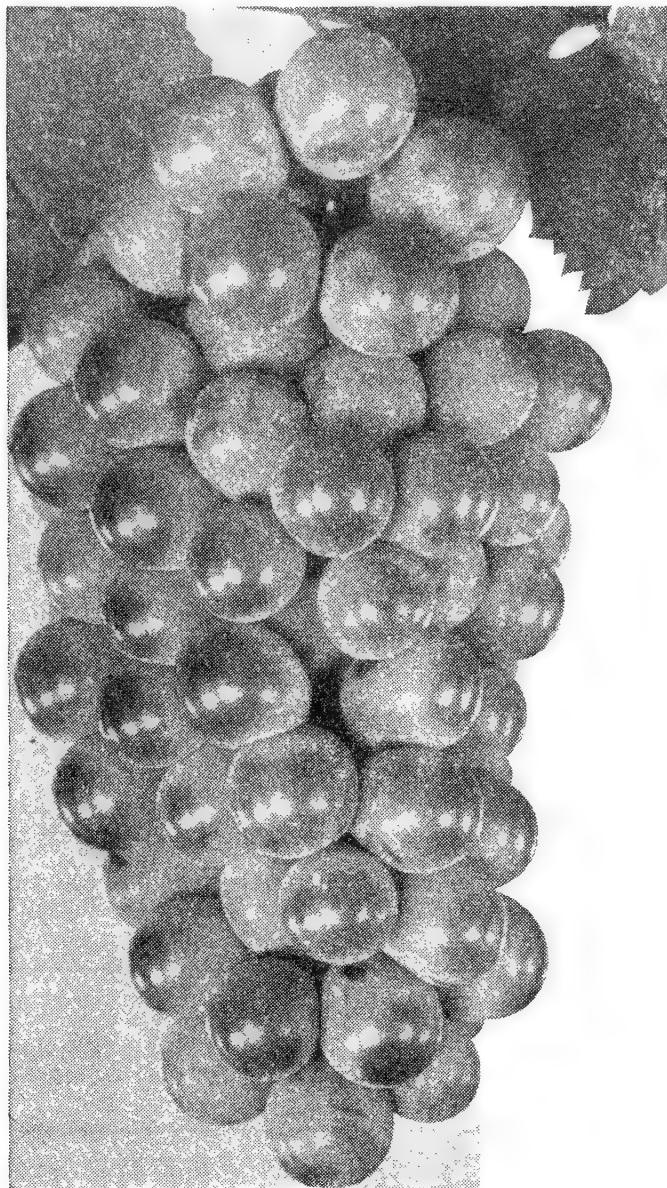
Keep suckers thinned out to not closer than 8 to 10 inches apart to insure ample space for fruiting canes and which will result in finer larger berries.

All bramble fruits profit by applications of commercial fertilizers containing plenty of Nitrogen, or well rotted manure in early Spring. Soils with plenty of humus are always best for Small Fruits.

Sulphur dusts during or just prior to early spring rains prevent leaf spot and are an aid in control of orange rust. Remove any plants showing disease and burn them immediately.

• • • GRAPES • • •

Growing Grapes Set the vines deep enough to cover the main stem and in holes sufficiently large for the roots without crowding. 8 ft. apart each way is ample planting distance. Cut the tops back to 3 to 4 buds. Clean cultivation or mulch in the early part of the season. Good drainage, well rotted manure or Nitrogen fertilizers are most beneficial. Dusting Sulphur or Bordeaux mixture during rainy periods along with arsenate of lead during early summer will control mildews and berry moth. Trim your grape vines in December or January. One system of training the vines is described in our Booklet "Successful Planting" sent free with each order.



Concord Seedless

New—Hardy—Thrifty—perfectly seedless. Be the first in your community to have this sensational New Variety—fruit resembles the Standard and Concord in color and season of ripening. Clusters and berries are somewhat smaller but are perfectly **SEEDLESS**. The first real satisfactory Seedless Grape that can be grown here in our Northern and Eastern States. A fine Grape for table use, for pies and other culinary uses. Price: 1 yr. plants—90c each, 3 for \$2.50, postpaid; 2 yr. plants, \$1.25 each, 3 for \$3.50, postpaid.

Every home should have a dozen or more grape vines planted on an arbor or along the garden fence. They are delicious to eat fresh from the vines; can be made into the most health-producing grape juice and jelly—well, who doesn't like grape jelly? Once planted, the grape vines will continue to yield for years with practically no special attention. Our grapes are strong, well-rooted plants that are sure to grow for you.

PRICES OF GRAPES (Strong No. 1 Vines)

	Prices Per	Each	Postpaid	By Express
All Standard Varieties—2 yr. plants.....	\$.50	\$2.25	\$4.00	\$8.00
1 yr. plants.....	.40	1.75	3.00	5.00
Concord Seedless—2 yr. plants.....	1.25	5.75	9.00	
1 yr. plants.....	.90	4.00	7.00	

Special Collection NEW GRAPES

Four New Grapes of Merit

These new varieties (with the exception of Caco) are recent introductions of the N. Y. Experiment Station and all surpass the older standard kinds in both fruit and vine characteristics.

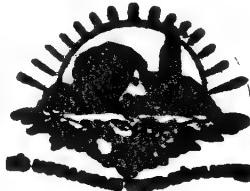
Caco (**New Red Grape.**) A variety of exceptional merit and should be in every collection planted, is the most beautiful of the hardy grapes, the bunches are large, well shouldered, color wine red with abundant bloom. Bunches are compact and of good size and form. Earlier than Concord and is sweet and palatable several weeks before it is fully ripe. Caco is beyond doubt one of the best of our native red grapes.

Portland (**White.**) The earliest of all grapes. Large bunch and berry; flesh sweet, juicy, and of fine flavor. A valuable early grape for home gardens, and bids fair to hold first place as an early market variety. The vine of Portland is particularly satisfactory as it is vigorous, productive, hardy and healthy.

Sheridan Black, larger bunch and berry and the best variety to follow Concord. Good quality. Dr. U. P. Hedrich, of New York Station, says: "Sheridan is probably the most valuable New Grape and is sent out with the expectation that it will supplement the Concord which it surpasses in vine and fruit characteristics in many regions."

Fredonia The finest early grape. Fredonia ripens with the earliest. Bunch and berries large. Skin firm. Flavor of the best. It fills a long-felt need for an early TABLE GRAPE of high quality that would make a real appetizing appearance in our fruit markets. It does not crack. Commercial growers will find this grape a money-maker. One of America's best red juice varieties.

Standard Varieties



Concord (**Blue.**) An old variety; does well wherever planted; good size; productive.

Catawba (**Red.**) One of the best commercial grapes in cultivation. Bunch large and compact; a strong grower and very productive; quality good.

Niagara (**White.**) The most popular white grape in existence. Fruit large and very productive; a good grower, ripening same season as Concord, equally good, valuable in every way.

Worden A large blue grape of very high quality ripening a week to 10 days earlier than Concord. Very popular for both commercial planting and the home vineyard.

1 each Caco, Portland, Fredonia, Sheridan and Concord Seedless, \$2.85, postpaid. 3 each (15 strong vines), \$7.75 postpaid.

New Red Lake Currant

**Finest of all Red Currants—Large Berries—
Excellent Quality—Long Well-Filled Clusters
of Cherry Red Fruits**

The leading Red Currant for both home and commercial growers. The berry is unusually large in size and of superior quality; the clusters are long and filled out to the top and with stems sufficiently long to make picking easy. The large berries are borne on long, well-filled, long-stemmed clusters that are easily picked. Color is a clear light red and the quality excellent. The bush is vigorous, upright, and productive. We recommend Red Lake as the world's best Red Currant.

CULTURAL DIRECTIONS FOR CURRANTS AND GOOSEBERRIES

1. Plant in the Fall or very early Spring 3 feet apart in the row.
2. Both Currants and Gooseberries prefer a cool rich moist loam soil with abundant moisture.
3. Maintain vigorous growth and keep the older 3 and 4 year old wood trimmed out.
4. Spray with sulphur for leaf diseases and use arsenate of lead to control the worms on leaves.

Wilder A remarkable variety; one of the strongest growers and most productive. Bunch and berry large, bright, attractive red color, even when dead ripe; hangs on bushes in fine condition for handling as late as any known variety.

White Grape Currant

A novelty of good substantial economic value as the bushes are strong growers and produce heavy crops of delicious, delicate, transparent colored fruit. Price, 75c each; \$6.00 per 10 postpaid.

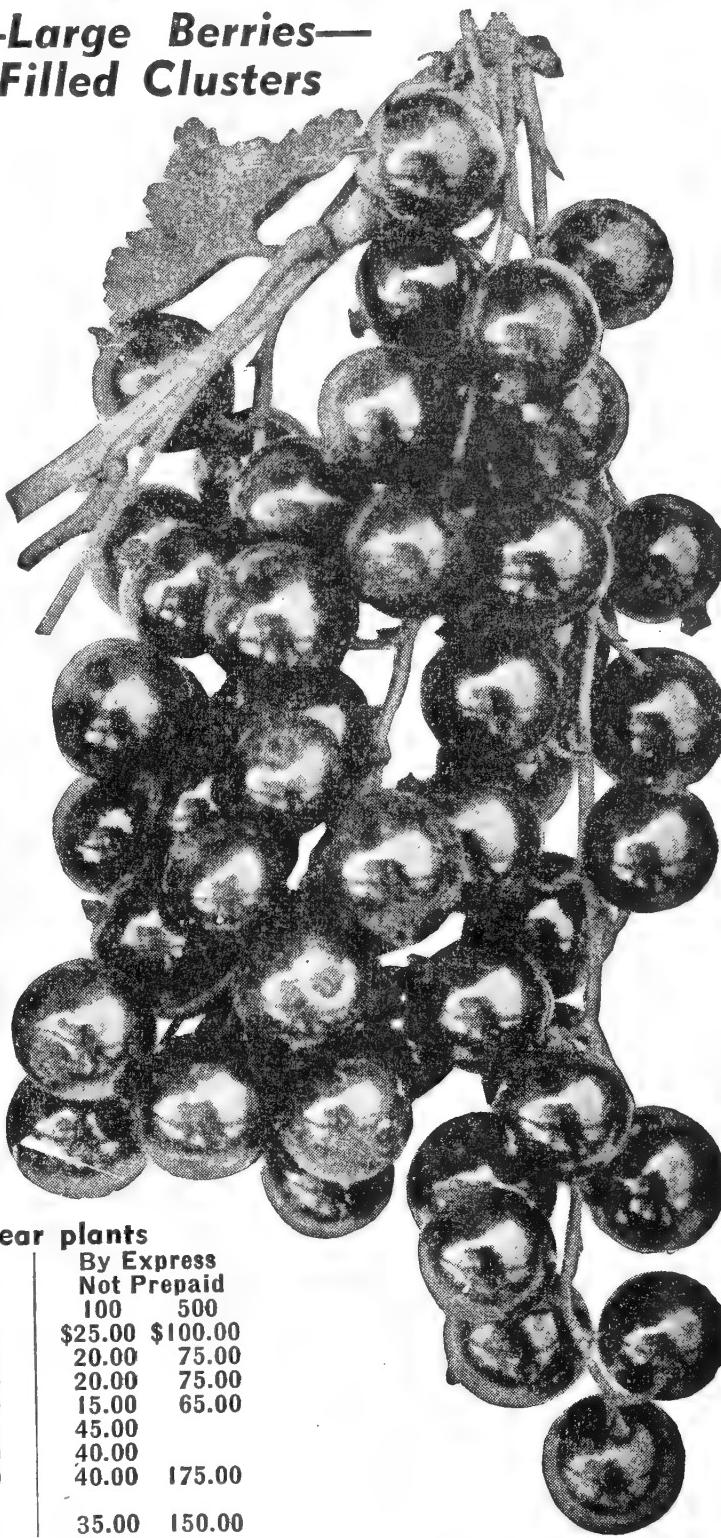
Important—WHEN ORDERING

CURRANTS or GOOSEBERRY plants it is necessary for us to have the following information:

1. County and Township where planting is to be made.
2. Approximate distance from nearest White Pine (Five-needed Pine).

PRICES—Currants and Gooseberries, 2-year plants

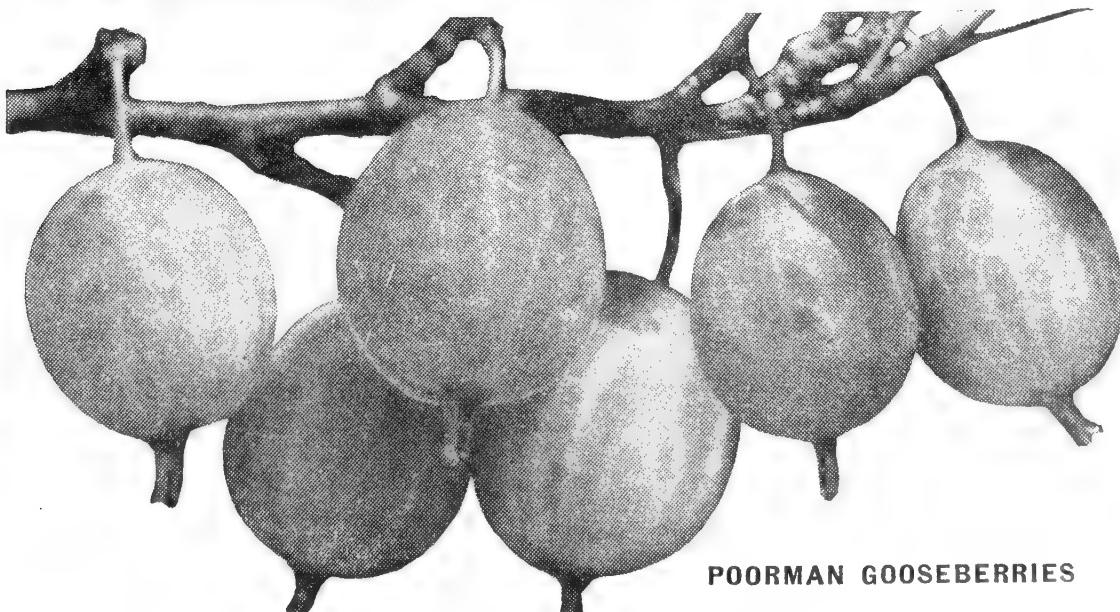
Prices Per	Postpaid	By Express		
		Each	10	25
Red Lake Currant—2 yr.	\$0.75	\$5.00	\$ 8.95	
1 yr. plants55	3.85	7.50	
Wilder Currant—2 yr.	.65	4.00	7.50	
1 yr. plants45	3.25	6.50	
Poorman Gooseberry—2 yr.	.90	7.50	15.00	
1 yr. plants....	.75	6.00	12.50	
Downing Gooseberry—2 yr.	.80	6.00	12.50	
1 yr. Com'r'e'l				
Planting Grade	.80	6.00	10.00	
			35.00	150.00



RED LAKE

GOOSEBERRIES

Write for Special Prices on Currants and Gooseberries for Commercial Plantings



POORMAN GOOSEBERRIES

Downing A large, handsome fruit, green in color; fine flavor; immense cropper and always in demand; an American variety, free from mildew.

Poorman The fruit of the Poorman is the largest of any of the American Gooseberries. The berries are of a good red color and are splendid eaten out of the hand. It also produces one of the largest, healthiest, and hardiest bushes of any worthwhile variety. Well adapted to all except very light, sandy soil.



Dwarf Trees

Solve the Problem of Fruit Growing in Small Areas

Very Ornamental for the Yard and Garden

Dwarf Fruit Trees are so well adapted to planting in the yard, garden or wherever the space is limited. They come into bearing in two or three years after planting if well cared for and the fruit produced by these trees is same size and quality as produced by standard trees.

**All Dwarf Trees are approximately
3 to 4 ft. in height and by express**

Dwarf Apple Transparent, Lodi, Wealthy, Red Gravenstein, McIntosh, Jonathan, Red Delicious, Northern Spy, Dolga Crab. Price, Dwarf Apple: \$3.50 each \$32.50 per 10.

Dwarf Pear Bartlett. Price, Dwarf Pear: \$3.50 each; \$32.50 per 10.

Rochester Peach Although on standard roots, Rochester is a small shapely round headed tree and fortunately one of the hardiest. Fruit is large yellow freestone delicious rich Peach flavor. A fine lawn tree. Price \$1.50 each.

Oka Cherry A new plum-cherry creation of the Sand Cherry type, produced by Prof. Hansen, of South Dakota. Begins to bear on two-year trees. Trees are dwarf in growth and bear an abundance of fruit—immense round cherries, a full inch in diameter—dark red in color, purple juicy meat and wonderfully sweet. Should be planted along with Brooks Bush Cherry (see page 16) for proper pollination. Price Oka, 4-5 ft., \$1.85 each; 3 for \$5.40.

Nanking Cherry (*Prunus Tomentosum*) A beautiful dwarf tree or shrub attaining a height of 6 to 8 feet. The striking white flowers in very early Spring and later the ropes of cherry fruits make this a most desirable plant. Plant three trees to insure pollination. Price, Bearing Age, 2-3 ft. plants, \$1.00 each; 3 for \$2.50. (See page 22.)

All Novelty Fruits Postpaid
Unless Otherwise Noted

Novelty Fruits

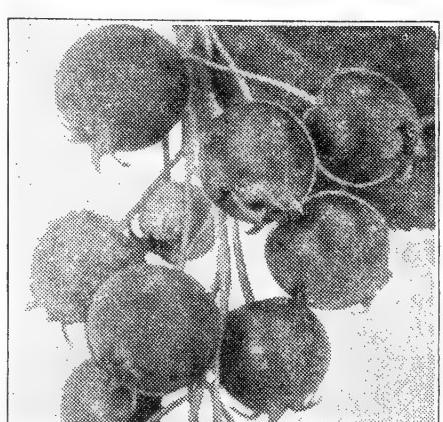
Different from ordinary fruits, and should be planted by everyone loving rare specimens. Plant in a small way as Novelties and they will surprise and well repay you.



Wineberry Growth similar to the Raspberries. Fruit in large clusters, wine colored. Price, 35c each; \$3.00 per dozen, postpaid.

Am. Cranberrybush Selections of the high bush type of the Am. cranberries propagated because of their large and heavy fruiting characters and quality. A most ornamental fruiting shrub. (See bottom page 22.) Price \$1.00 each, 3 for \$2.75, postpaid.

Nectarberry The glorified Boysenberry. The finest of quality fruits. Hardy and most productive of its class. Price 45c each; 6 for \$2.35 postpaid. See page 10 for more complete description of the Nectarberry.



Strawberry-Raspberry (Tree Strawberry)

Bushes two feet high, covered with red berries, very productive and a distinct novelty in small fruits. Price 30c each.

\$2.15 Novelty Fruit Collection

We will send postpaid one plant each of the following varieties: Strawberry-Raspberry, Wineberry, Nectarberry, Crystal White Blackberry, Juneberry, and Golden Queen Raspberry, all for \$2.15; 3 each for \$5.95; 12 each for \$18.00.

Juneberry Plants quite bushy and ornamental, with clusters of red berries becoming dark blue when ripe. Price, 75c each; 3 for \$2.00.

White Grape Currant

This is an "Albino" Currant with all of the high quality and heavy fruiting of the standard commercial varieties. Price, 75c each.

IMPORTANT —See page 13 for information necessary to enclose when ordering Currants and Gooseberries.

A True "White" Blackberry
Price, 35c each; 5 for \$1.60 postpaid.

Golden Queen Yellow Raspberry
Price, 35c each; 5 for \$1.60 postpaid.

Blueberries
Price, 3 for \$3.45
See page 4.

APPLE

**Scarff's List of Good Dependable Varieties
Selected for Quality, Productivity and
Dependability**

Scarff's Miami

Double Sport—Color and Quality

Better Color—Finer Texture—Higher Quality. These combined with the other good characters of the common Stark will make "Miami" one of the leading winter apples for both home and commercial use. The fruiting trees which we have are identical to Stark—vigorous, thrifty and heavy producers. The fruit is above medium to large; color solid pinkish bronze to bright red and flesh is crisp, juicy, better quality and finer texture than Stark. Excellent for culinary use. MIAMI is a high quality eating apple, crisp, juicy and having a rich yellowish flesh when ripe. They are good to eat soon after picking but develop their best quality in mid-winter and keep in good common storage until spring.

Crimson Beauty A most attractive early red apple of the Transparent season. Tree is hardy, productive and an annual bearer. The fruit is large, sprightly and good in quality. Especially valuable for home planting and roadside trade. Our supply of this variety is very limited.

Sweet Delicious Now considered the very best winter Sweet Apple. The fruits are large and attractive in size, color and shape and with the sweet aromatic flavor of Delicious. This variety will be especially appreciated for home planting for dessert and baking.

Summer Varieties

Crimson Beauty, Transparent, Lodi, Red Duchess, Benoni, Wealthy, Maiden Blush, Summer Rambo, Jefferis, Milton.

Early Winter Varieties

Grimes Golden, Jonathan, McIntosh, Red Spy, Baldwin, Double Red Delicious, Yellow Delicious, Dr. Mathews, Kendall, New Red Jonathan, Sweet Delicious, Winter Banana.

Late Winter Varieties

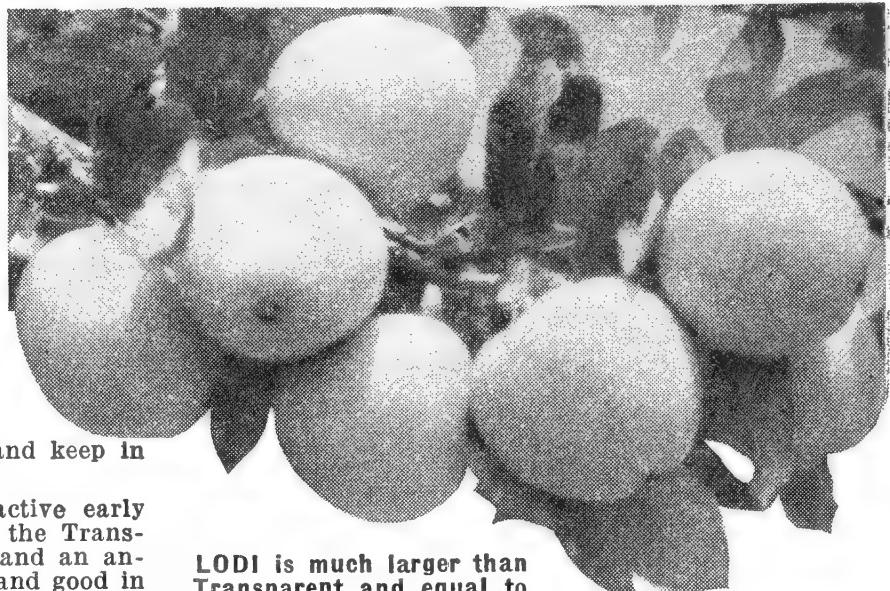
Miami Red, Rome, Gallia Beauty, Double Red Stamens, Turley Winesap.

Price Apple Trees

All heavy 2 yr. old trees branched and well rooted.

Each rate	25	100
2 yr. standard, 4-6 ft.	\$1.50	\$1.25

Propagated from Buds taken from our own Bearing Orchards



LODI is much larger than
Transparent and equal to
it in other characteristics.

Lodi A large waxen yellow apple of the Transparent type. The color is the clear attractive yellow of the Transparent but they handle and keep much better because of the somewhat thicker skin and firmer flesh. Because of their size they may be picked for market or culinary use at the same time as Transparent, but are at their best if allowed to hang a week or ten days later. It meets the requirements of a variety for home planting because the apples may be used over such a long period of time and the fact that it has the same high cooking qualities as Transparent. Commercial growers are planting Lodi in preference to Transparent.

Fruit Trees are Easy to Grow

Planting and cultural directions with spray schedules for all fruit trees are included in our 16-page "Successful Planting" Booklet mailed free with each order.

To insure success in planting fruit trees, be sure to cut the tops back as instructed. Use a gallon of wet Peat Moss mixed with the soil in the hole when planting. Price Peat Moss per bag of approximately 1 bushel, \$1.00 each; 10 bags, \$8.50.

PLANTING DISTANCES

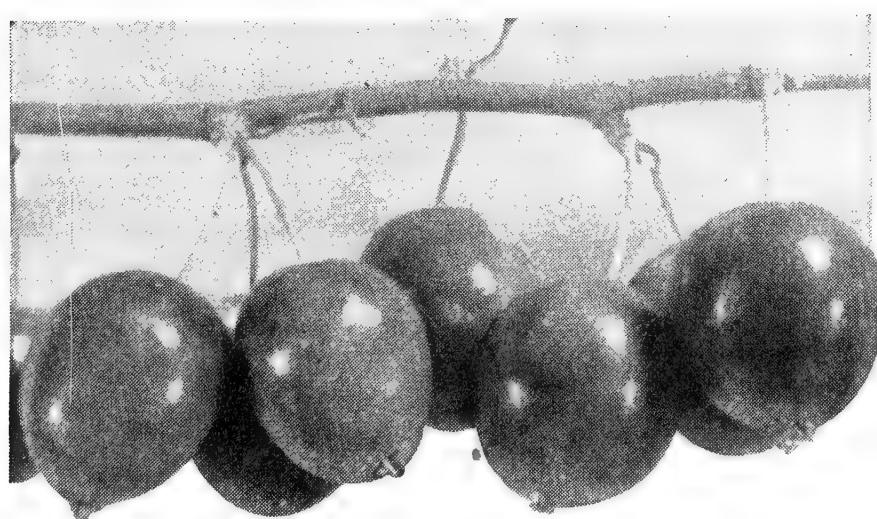
Apple, Standard	40 ft.
(Filler trees may be planted between the permanent Apple and these can usually stand for 12 to 15 years.)	
Pear, Standard	20 ft.
Dwarf Fruit Trees	15 to 20 ft.
Cherry	20 ft.
Plum	20 ft.
Peach (Apricot and Nectarine)	20 ft.
Quince	12 ft.

We have found that when planting fruit trees either late Spring or Fall planting the best insurance of growth—outside of good trees and good soil around the roots—is to wrap the entire trunk and most of the branches with light burlap or coarse paper. Gradually remove this covering from the top down just as soon as buds start growth.

Dolgo Crab Fruit fiery red and hangs on the tree long after ripe—making it exceedingly ornamental as well as valuable for making jellies. We can recommend it as one of the finest and most beautiful crabs grown.

Hyslop Crab Best late fruiting crab.

Planting season—Most all fruit trees may be transplanted satisfactorily in either early Spring or late Fall. Mulching and wrapping are essential, especially in the Fall season.



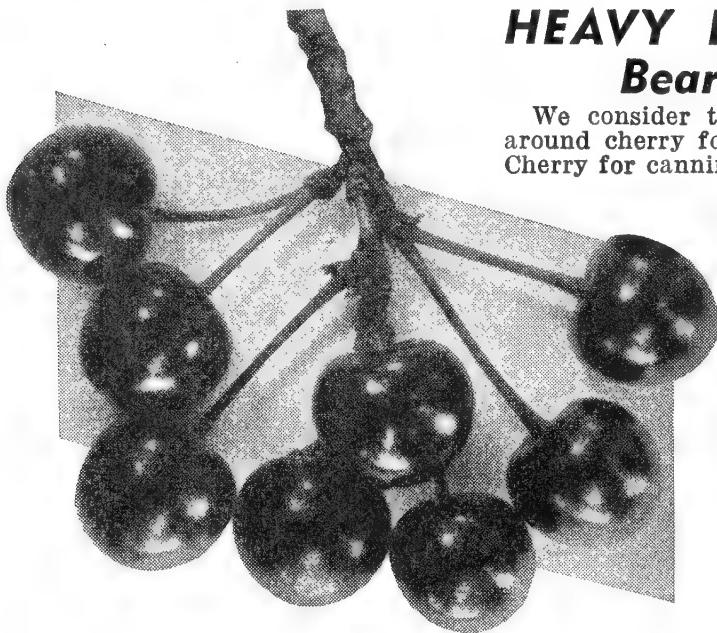
Fiery Red Dolgo Crabs Produced in Clusters as Profusely as Cherries.

• Montmorency Cherry •

HEAVY FRUITING—WIDELY ADAPTED

Bears Three Years After Planting

We consider the Montmorency the most dependable and the best all-around cherry for general planting in the Midwestern States. This is the Cherry for canning, pies, preserves and many other culinary uses.



• Standard Cherries •

Early Richmond Best early variety for pies and canning.

Montmorency Best all around cherry for home use and commercial planting. It is widely adapted, quite regular and heavy fruiting. This is the variety most suited for canning, pies and preserves.

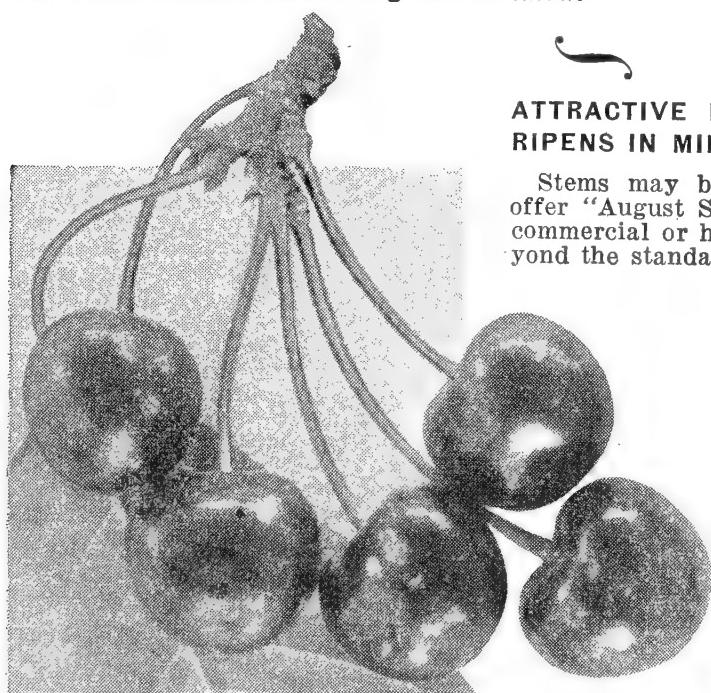
• Sweet Cherries •

Black Tartarian (Sweet.) Most dependable of the standard large dark red sweet cherries.

Windsor (Sweet.) Should be included as a pollinator in all Sweet Cherry plantings. Large, dark red, excellent quality and free from rot. Trees hardy, thrifty and not particular to soil requirements.

Royal Anne (Sweet.) Ranks first for canning by virtue of its rich colored fruits of highest quality.

Oka Cherry (Sweet.) Small compact tree of the Sand Cherry type. Bears an abundance of large round cherries fully an inch in diameter. Dark red outside and with purple juicy flesh, wonderfully sweet. For best fruiting along with Brooks Bush Cherry as a pollinator Oka is the finest low dwarf Ornamental fruiting tree we know.



August Supreme

• New Bush Cherries •

Attractive dual purpose shrubs, 3 to 4 ft. high, producing excellent cherries of highly practical value and apparently quite free from serious insect and disease injury.

Brooks Pollenizer for Oka, and a wonderfully fine bush cherry in itself. They are budded plants which will produce very high quality dark red fruits as attractive and almost as large as those of Oka. Brooks is truly an aristocrat of the Ornamental Fruits.

Black Beauty This is the newest selection of the Bush Cherries. Offered because of its high quality and large very dark glossy fruits — almost black. The flesh is dark red from the skin to the pit. You will be proud of the "Black Beauties" in your Ornamental Garden.

Mandan Golden

New Bush Cherry of beautiful golden amber color and of the same high quality as Brooks and Black Beauty.

Please do not confuse the BROOKS, BLACK BEAUTY and MANDAN GOLDEN with the common Sand Cherries often offered at considerably lower prices and which are disappointing in quality.



Nanking Bush Cherry
See page 22 for description

"August Supreme"

ATTRACTIVE DARK RED SWEET CHERRIES—HIGHEST QUALITY RIPENS IN MID-AUGUST WITH NO OTHER VARIETIES COMPETING

Stems may be pulled from the cherries without loss of juice. We offer "August Supreme" to our customers as a quality Sweet Cherry for commercial or home planting, and to extend the Sweet Cherry season beyond the standard varieties and up until "Sweet September" ripens. The Cherries are medium large, dark red, and with flesh red to the pit. Quality is very fine for eating fresh or for culinary purposes. The tree itself is vigorous and productive. Plant Patent No. 164. August Supreme and Sweet September were both found and patented by Menno Gerber.

Cherry Tree Prices

By Express F.O.B. Each 10 Rate

Sweet & Standard Cherries	
Select 4-5 ft. trees	\$1.85 \$1.75
New Bush Cherries	
2 yr., 2-3 ft. plants	1.35 1.30
Nanking Cherries	
2 yr., 2-3 ft.	1.00 (3 for \$2.50)
August Supreme, 5 ft. trees	2.25 (3 for \$6.00)

Peaches . . .

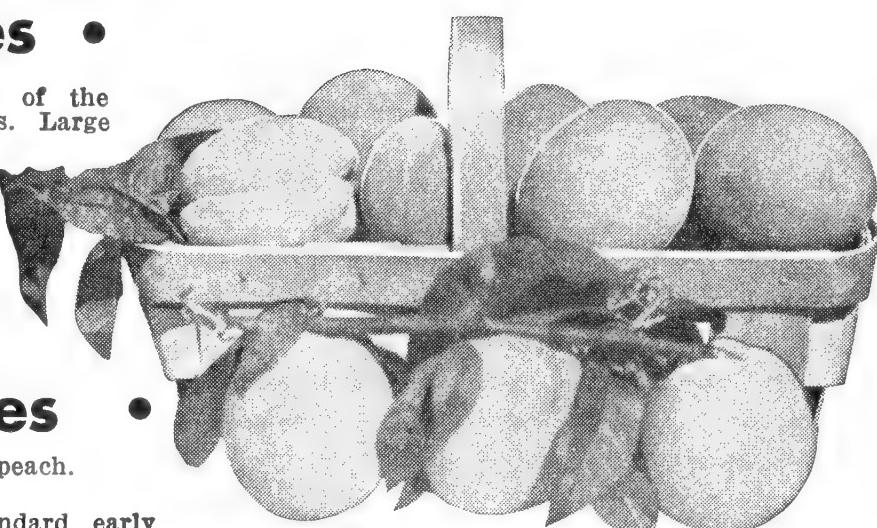
Scarf's List of
Best Peach Varieties

• White Peaches •

Cumberland Hardiest and best of the early white peaches. Large size free stone.

Champion The standard midseason white peach.

Belle of Georgia Most dependable white peach to follow Champion.



• Yellow Peaches •

Red Haven Earliest good yellow peach.

Golden Jubilee Now the standard early yellow peach, ripens 3 weeks before Elberta.

Rochester One of the hardiest yellow peaches. Early. Medium size.

Hale Haven A new high quality medium early variety from Michigan Yellow freestone. Quite hardy. We consider Hale Haven the most desirable all-around variety for both home and commercial planting. This is truly a top-notch peach.

Shippers Big Red (Late Red.) More desirable than Elberta in every respect—better color, quality, yield and tree characteristics. A mighty fine peach.

Elberta The standard midseason yellow peach.

Peach Tree Prices

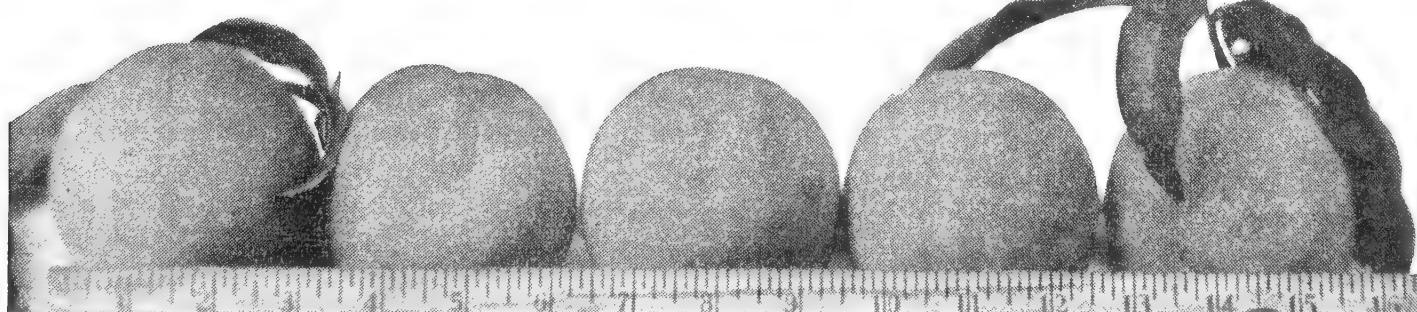
Thrifty Ohio grown trees—Buds from our own bearing orchards.

All Varieties	Each	25 Rate	50 Rate
Select 4-5 ft. trees.....	\$1.50	\$1.25	\$1.00

Peach Leaf Curl is easily controlled by spraying in late fall after all leaves have dropped and temperature above 40. Use Dry Lime Sulphur at the rate of 5 pounds to 25 gallons of water.

To insure success in planting fruit trees be sure to cut the tops back as instructed. Use a gallon of wet Peat Moss mixed with the soil in the hole when planting. Price Peat Moss per bag of approximately 1 bushel, \$1.00 each.

APRICOTS—See page 21



Quette Nectarine

Hardy as a peach, a delicious sweet flavor, smooth skin and with striking red color. Our pickers call this the "Fuzzless Peach"—and do they like them. Price, \$2.00 each.

Special Notice

When order includes Nursery items priced in Catalog as "Prepaid" and others "Express Collect," the entire order will be sent "Express Collect." In this case you may deduct 5% from the "Postpaid" prices when remitting.

• NEW SEEDLESS PEAR •



**Quality Comparable to Bartlett
Practically Seedless and Coreless**

Cope's New Seedless Pear has all the qualities one can ask for in a Pear—Hardiness, beauty, size, quality, a great producer and apparently quite resistant to Blight.

Bears at an Early Age. Full Crop at Five Years

We often find something new in the fruit line, but seldom do we find something better. We feel that a great discovery has been made in this new Seedless and Coreless Pear. It resembles Bartlett in many ways and in color it has that beautiful yellow of the Bartlett tinged with bright pink. The original tree began producing at three years old and at five years produced three bushels of perfect fruit. Another great point in favor of this variety is that it ripens ten days after Bartlett, a season in which no other good varieties are on the market. It ripens evenly, no softening at the center.

Description

Size: Same as Bartlett to a shade larger. Color: Same as Bartlett except pink on cheeks similar to Banana Apple. Quality: Good. Fruit keeps 2 to 3 weeks in common storage. Over 90% of fruits free from seeds and a large percent showing no signs of core. Tree is a vigorous grower and so far has shown no signs of blight.

Cultural Directions For All Fruit Trees

1. Plant all fruit trees about two inches deeper than they stood in the Nursery row (except Dwarf Apple and Pear which should be set the same depth).

2. Dig holes plenty wide enough to spread the roots, using the good top soil and peat mixed and firmed well around the roots.

3. Fill the holes three fourths full, firm well and then put at least a bucket of water in and allow to soak down. Fill the hole with loose soil and add a little more water and a mulch of peat moss over the top around the tree.

4. Be sure to trim the tops back as indicated in our planting guide. (In Fall planting delay the cutting until early Spring.)

5. You will insure a good start for your trees Spring or Fall (and emphatically the latter) by wrapping the trunks and well over the tops with coarse paper or light burlap. As the buds start growth remove the wrapping from tops. The trunks may be protected longer if desired.

Standard Pears

Gorham Is of the Bartlett type, with the same high quality and attractive appearance. Ripens two weeks later than Bartlett and keeps a month longer. Flavor is sweet and with a pleasing aroma. Flesh is white, tender, buttery, and juicy—a combination which, with the rich flavor and spicy aroma makes this one of the very best flavored pears of its season. Canners find it superior to Bartlett.

Bartlett The standard of excellence in pear varieties. One of the most popular and should be included in all plantings.

Bosc This is one of the highest in quality of all pears. Fruit large rich yellow overspread with cinnamon russet. Flesh tender, melting and juicy. Ripens late October.

Duchess Very large, buttery—a fine canner.

Kieffer One of the most dependable winter pears. Bears very young. Fruit large and keeps until Christmas.

Seckel Best for pickling, highest quality, medium size.

Mrs. Mildred Peck April 8, 1946 Ohio
Just a line to thank you for such prompt service on a late order and such swell plants, they are in the ground and every one growing.

A. B. Striplin Feb. 27, 1946 California
Dear Sirs: I am happy to say that the Gooseberry and Dewberry plants you sent arrived in good condition and were good quality plants.

Prices of Pear Trees

Standard Varieties	Each	10 rate
Select 2 yr., 5-6 ft.	\$2.00	\$1.85

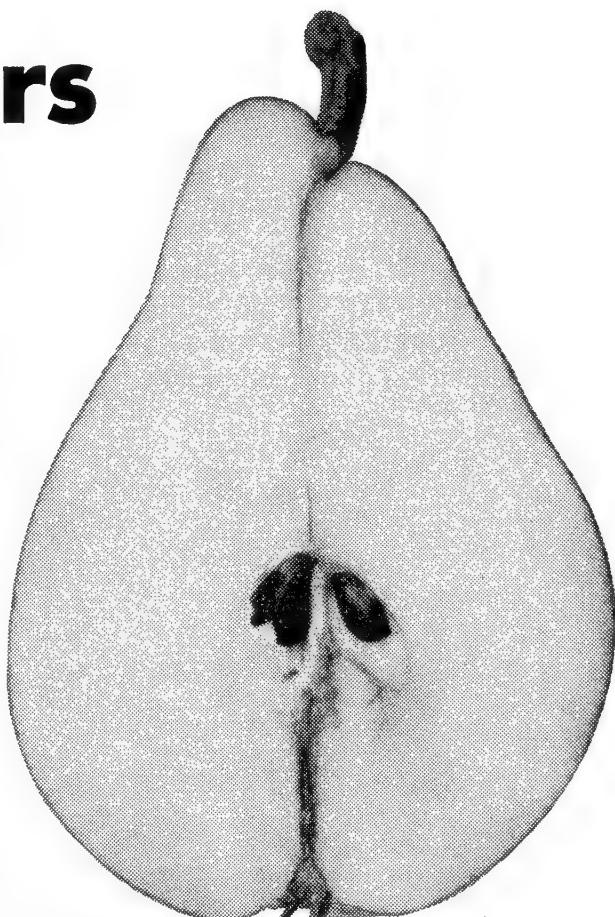
Cope's New Seedless Pear

Heavy 4-5 ft.	2.25	2.00
Only a very limited number of trees available this year.		

Orange Quince

Strong 2-3 ft. trees	1.10	1.00
All Fruit Trees by Express Not Prepaid.		

If you have difficulty growing good fruits of the Quince, try bagging each fruit individually in 2-lb. paper bags, as protection against Oriental Moth.



GORHAM
A Blight Resistant Pear to Follow Bartlett

Scarff's Delicious Plums

Price all Plum Trees unless otherwise noted, by express not prepaid. { Select 4-5 ft. Trees, \$1.85 each; 10 rate \$1.75; except where otherwise noted.

There is a greater interest in plums now than for many years and the reason is because there are so many new high quality varieties now available. There is no finer fruit to eat when picked dead ripe from the tree, and the housewife knows a hundred ways to cook them—from plum pudding down to preserves and jellies.

Bradshaw Very large fruit; dark red; flesh inclined to yellowish-green.

Damson Everyone is familiar with the old-fashioned Damson plums and there is always a good demand for them.

Reine Claude Best of the Green Gage type. Very large, greenish; fine flavor.

Italian Prune A valuable plum of fair quality for dessert. Long, oval, purple with a thick blue bloom; flesh firm and pleasant, separating from the stone. September.

Imperial Epineuse Is the highest quality of all the Old World plums. It is of the prune type, reddish purple, sweet, juicy and delicious flavor. This is the plum of plums for the garden.

Stanley Comes into bearing very early. It is a heavy producer, adapted to a wide range of soils and has been favorably reported from all parts of America. It is a fine blue plum of medium size and high quality.

All fruit trees, and especially Plum, Peach, and Cherry thrive best in good loose loam, or sandy loam, well-drained soils. If your particular location is inclined to be the wet, heavy type of soil, try to remedy with tile drainage. It may also help to mix some sand or gravel with the soil around the roots. Also, this is one condition where Peat Moss is not recommended as it would hold additional moisture and react detrimentally.

Fresh Home-Grown Fruits Best for Freezing

Highest quality in quick-frozen fruits is obtained only when they can be grown under the best conditions, fully ripened on the vine to the very peak of color and quality. When this stage is reached, pick, prepare, and freeze promptly.

The Home Fruit Garden provides the ideal condition for the fruit to be so handled from the vine (or tree) to the deep freeze in the minimum of time.



BEST FRUIT Varieties for Freezing

STRAWBERRIES—Dunlap, Premier, Sparkle, Streamliner

BLUEBERRIES—Rubel, Jersey, Rancocas

YOUNGBERRY and **BOYSENBERRY** (both)

CURRANTS—Red Lake

GOOSEBERRY—Poorman

RED RASPBERRY—Taylor, Newburgh, Latham

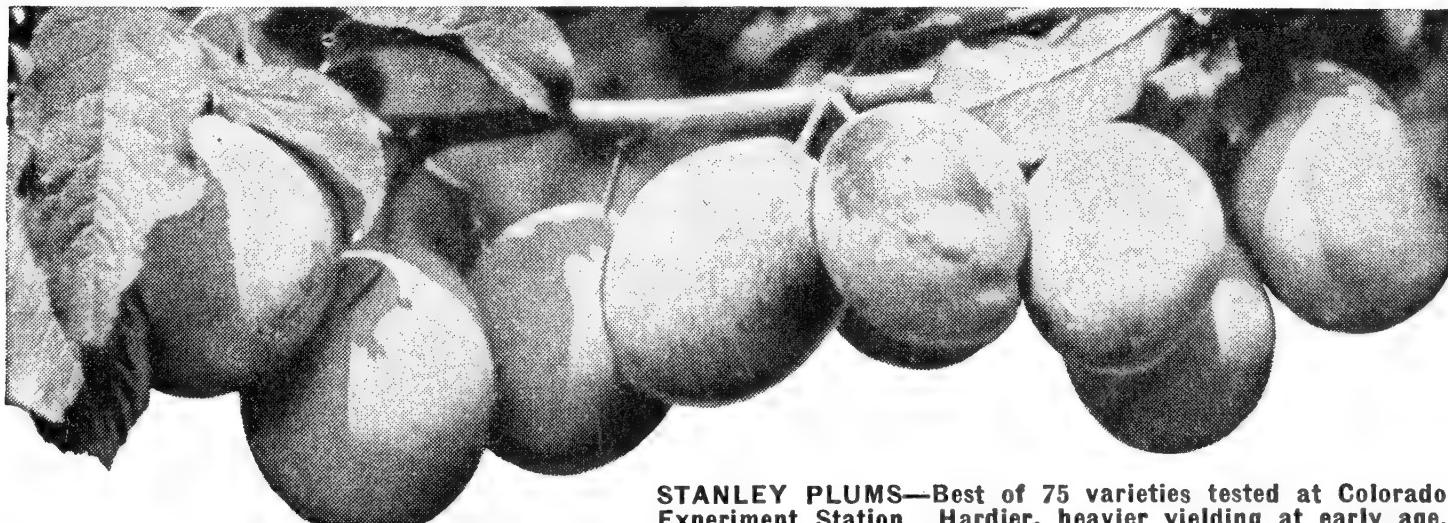
PURPLE RASPBERRY—Sodus, Marion

BLACK RASPBERRY—Bristol, Cumberland

BLACKBERRIES—Early Harvest, Eldorado

CHERRIES—Montmorency, Windsor (Sweet)

PEACHES—Hale Haven, Shippers Red



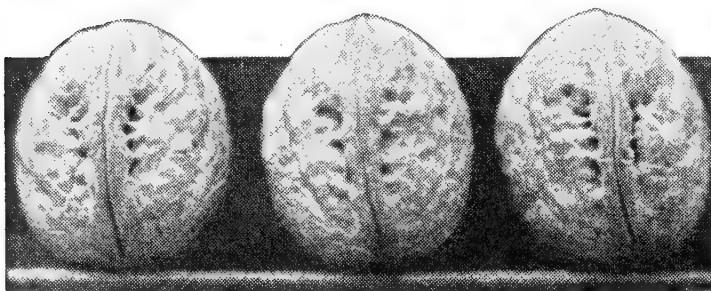
STANLEY PLUMS—Best of 75 varieties tested at Colorado Experiment Station. Hardier, heavier yielding at early age.

Planting and cultural directions with Spray schedules for all fruit trees are included in our 16-page "Successful Planting" booklet mailed free with each order.

To insure success in planting fruit trees be sure to cut the tops back as instructed. Use a gallon of wet Peat Moss mixed with the soil in the hole when planting. We are furnishing our customers a high grade of Native Acid Horticultural Peat Moss in bags of approximately one bushel for \$1.00 each. You will find Peat Moss a good investment.

• Hardy Nut Trees •

Perfectly Hardy in Our Northern States—Large Size and Heavy Yielding Varieties



New Crath (Carpathian) Walnut
Parent Stock Hardy at 40° Below Zero.

Crax-ezy Butternut This extremely hardy, heavy-producing tree originated in Michigan. The nut has a thin shell (can be cracked with knife point). The eating quality is excellent.

Chinese Chestnut Introduced by the U. S. Dept. of Agriculture as the most blight resistant species. Nuts larger than the American Chestnut and are equally sweet and good. The Chinese Chestnut is a coming commercial orchard tree—not a fast grower but bushy and low, making harvesting easy. Often bear when the trees are only 3 or 4 feet tall. Very ornamental trees. Plant several trees for best pollination.

Jones Hybrid Hazel Nut

This new strain of Filbert combines the hardiness of the American Hazel with the reliable fruiting quality of the European Filbert. The nuts are large and excellent quality. We recommend this Hybrid Hazel for those who want quick fruiting and plants that do not take up as much room. This year we offer first generation seedlings of the Jones variety. They are thrifty growing plants, hardy and prolific bearing plants. When our supply of Jones Filberts is exhausted we can supply a limited number of other named, large fruiting varieties, in 2 to 3 ft. size at the same price.



Thomas Walnut

Thin Shelled—Excellent Cracking Quality

One of the finest of the new improved Black Walnuts. The individual nuts and kernels are large, light colored and of very good quality. The tree is a very fast grower and early bearing. All Black Walnut trees are valuable for both the nuts and timber.

very early Spring (cease cultivation)

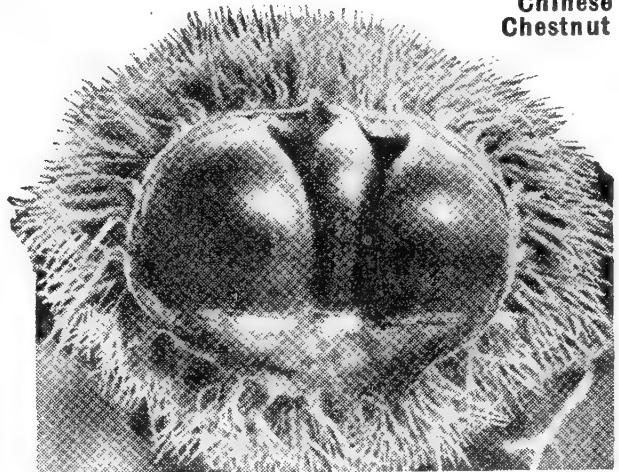
8. At this stage it may be well to slow up the tree growth for a few years in order to throw it into fruit production. This restricted growth is the reason dwarf fruit trees come into bearing before the standard kinds.

9. Keep your trees healthy with timely sprays (see our "Successful Planting" booklet for spray schedules.)

Extra Special NEW CRATH WALNUT

These Persian Nuts are most highly prized of all for north temperate zone. On trial over a wide range, fruited satisfactorily and found perfectly hardy as far north as Ottawa. Good bearers of excellent nuts and apparently self-fertile. Beautiful ornamental lawn tree and valuable both for the nuts and timber.

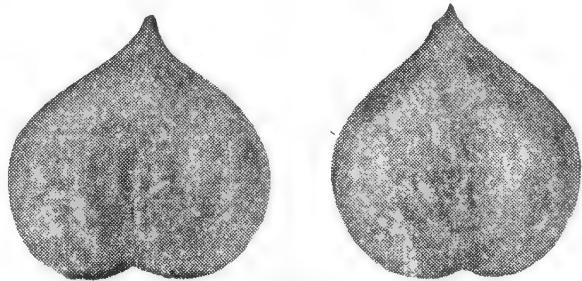
Chinese Chestnut



Planting and Culture

- Dig holes wide and deep enough to set the trees several inches below the crown.
- Plant when soil is mellow (not wet) and firm the loose dirt well around the roots.
- A gallon of moist peat moss mixed with the dirt around the roots is good insurance and will stimulate growth.
- When planting trim off about one-third of the previous season's growth.
- Mulching around the trees with loose strawy manure is beneficial. Spade in this mulch each Spring.
- Keep foliage dusted with sulphur to prevent leaf spot.

HEART NUT
Root-pruned when potted for grafting—will outdistance larger trees due to an already well-established root system. Grafted and will come true to name.



Heart Nuts

Prices—Hardy Nut Trees

Grafted and Budded Varieties unless otherwise noted

Each
By Express
Not Prepaid

	12-18 in.	2-3 ft.	3-4 ft.
Native Shellbark Hickory (Seedlings).....		\$2.00	
Thomas Black Walnut	\$3.00	4.00	
Hybrid Hazel Nuts (Hybrids from Seed).....		3.00	
Chinese Chestnuts (Not Grafted).....	\$1.20	2.50	3.50
Craith (Carpathian) Walnut		3.00	3.50
Crax-ezy Butternut		4.00	5.00
Heart Nut		4.50	

Unless otherwise noted, these are budded and grafted varieties—the very finest—large meats, excellent flavor and have proven hardy to withstand our Northern climate. Please do not confuse them with the common seedling trees which are so often offered at a much lower price.

Factors Influencing the early bearing of fruit trees

(Continued from page 17)

7. For the first three or four years stimulate the tree growth as much as possible with good cultural methods and the use of nitrogen fertilizers in etc., in late July so trees will mature growth well before winter.)

Apricots - - - Persimmons

Both High Quality Fruits Should be More Generally Planted

The demand for canned Apricots has reached an all-time high during the period of war food rationing. Very few fruits have such delectable flavor either when eaten fresh from the tree or canned and served for dessert. The limitation of Apricot plantings is hardiness. In very early Spring the trees are masses of pinkish-white blossoms, most ornamental in themselves, but very often injured by the Spring frosts. In home plantings the trees are more protected and the crops they do produce are well worth the space they occupy. These two varieties of Apricots represent the most satisfactory types for general planting where hardiness and quality are both considered.

Moorpark An old English variety and is probably the most widely grown of all Apricots. The fruits are of the largest size, handsome appearance and have long been the standard of excellence in both appearance and quality. Color orange yellow with a distinct blush on the side next to the sun and flecked with reddish dots. The flesh is firm, sweet, juicy, and of highest quality. Moorpark is not quite as hardy as Hungarian but the fruits are somewhat superior.

Manchurian This group of Apricots differs somewhat from the varieties commonly grown. They were introduced into the U. S. from Northern China because of their extreme hardiness and ornamental nature of the trees. This year we are offering strong 2 yr., 4-5 ft. trees of first generation seedlings of the Manchurian variety. The fruits will vary somewhat from these trees but we believe it well worth planting for trial and especially because of its hardiness.

Price of Apricots, Nectarines, and Persimmons

	Each	3 Rate
Apricots, 4-5 ft. trees	\$2.00	\$1.85
Quette Nectarine, 4-5 ft. trees	2.00	1.85
Persimmons, Miller and Lambert		
3-4 ft. trees	2.50	2.35
4-5 ft. trees	3.00	2.75

Planting and Cultural Directions for Apricots are the same as for Peach Trees. Cut the top and side branches back one-half to one-third their length when planting. Dig the holes when the ground works mellow—never when ground is wet—and it will well repay you to mix a gallon of wet Peat Moss with the dirt around the roots. Dusting the fruits with Sulphur during the summer season will prevent Apricots (also Plums, Nectarines and Peaches) from rotting on the trees before fully ripe.

Select Large Fruiting • • Persimmons • •



Persimmon

Small trees highly ornamental and producing an abundance of pleasingly astrigent spicy fruits, highly prized when gathered after the frosts. These are selected large fruiting budded trees of the American type Persimmon and available in the following varieties:

Miller A large high quality, hardy northern strain, almost seedless. Thin skin and ripens in early Fall. A most desirable tree for home planting.

Lambert Largest size fruit of any of the native Persimmons we know. Fruit oblong and of excellent quality. Trees have glossy dark green leaves and are ornamental as well as fruitful.



Apricots and Nectarines are about the most delicious of all tree fruits for the Home Orchard

Special Instructions

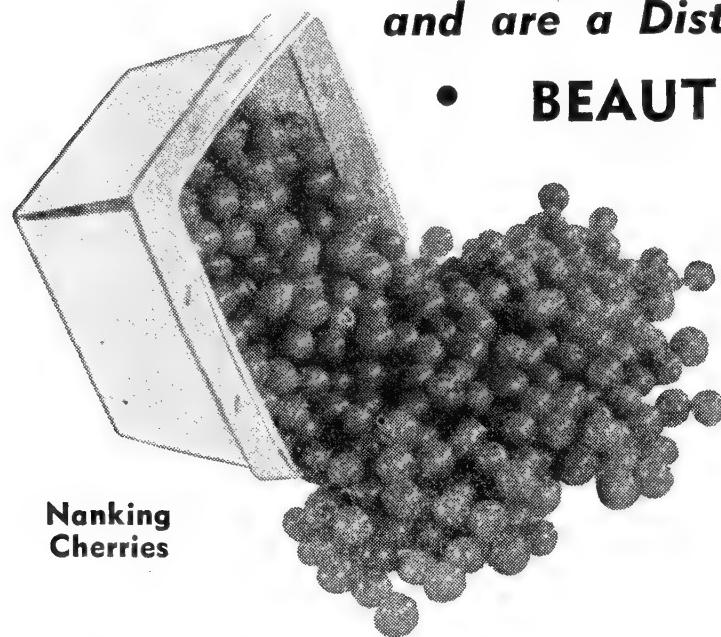
You will be assured of success with Persimmons, Red Bud, Paw Paw and Dogwoods if at planting time you will wrap the trunks quite snugly with heavy paper or burlap—and the tops loosely with the same material. Remove the top protection on a cloudy day just as soon as buds show green in the Spring. The trunks may be left wrapped for the first year. This precaution is especially desirable when planting these items in the Fall.

Persimmon Trees are what are botanically known as "Diocious," i. e., some are male and some female trees. We recommend planting two or more trees in close proximity to insure proper pollination.

Louis Suttman April 4, 1946 Ohio
Received shipment including Shrubbery, Boston Ivy, Raspberries and Grapes. They were in excellent condition and I am well pleased with them.

ORNAMENTAL FRUITS

**Edible Fruits Which Lend a Striking Beauty to the Landscape
and are a Distinct Satisfaction to the Palate**



Nanking
Cherries

Silver Buffalo Berries

(The Indians called them Rabbit Berry)

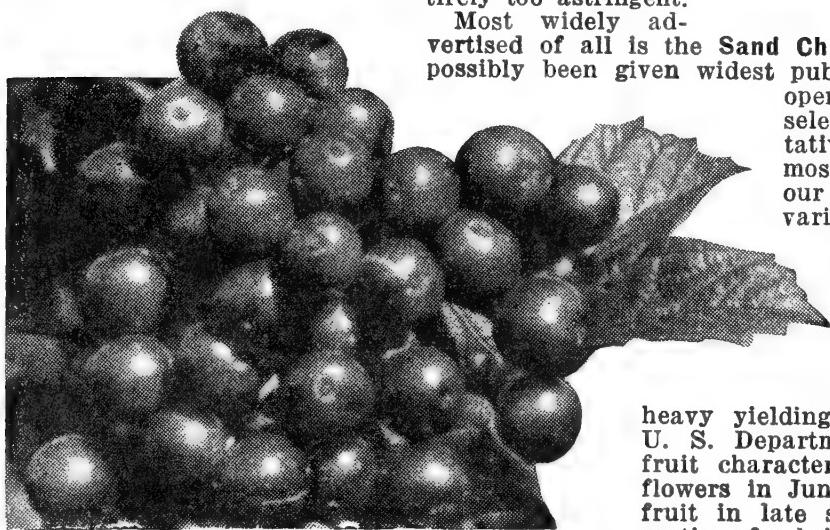
Foliage is silvery grey with metallic lustre. The tall twiggy shrubs are wreathed in misty flowers of softest yellow in April. Later in the summer we find the stems covered with scarlet fruits the size of Currants. In spite of their sour, slightly acid taste, they are edible, being highly valued for jams and jellies. The Indians used them extensively, preserving them by drying. Plant several together to be assured of pollination. Price 1 yr. plants 45c each; 3 for \$1.20 postpaid.

• Truth about Bush Cherries •

The various types of Bush Cherries all have considerable merit both for their fruit and ornamental values. The **Nanking Cherry** is a tall shrub producing bright red edible fruits closely resembling the early May Cherries. They produce best when several are planted together. For the most part these are all seedling types varying somewhat but all well worth while.

The **Goumi** or **Cherry Eleagnus** is the most ornamental of all the Bush Cherries—a medium sized shrub with leaves silvery beneath and both leaves and twigs covered with a brownish red pubescence. The fruits are most unique in appearance and although they are supposed to be edible, we find them entirely too astringent.

Most widely advertised of all is the **Sand Cherry** and of these the **Hansen** selections have possibly been given widest publicity. They are all medium sized shrubs of open type growth with light green foliage. The selected varieties and types are propagated vegetatively and the fruits are highly prized. We are most enthusiastic about their size and quality, our present choice being the new large dark meaty varieties, **BROOKS**, **MANDAN GOLDEN** and **BLACK BEAUTY**.



Wentworth Earliest, ready to be used for jelly early in August; bush large, spreading, productive, clusters large, drooping; berries large.

{ jelly eaten with meats. The plant is a highly ornamental shrub in itself, attaining a height of about 8 to 10 feet with deep green foliage throughout the summer. Very decorative in fruit which hangs in clusters and begins to color by the end of July, remaining on the branches and keeping its bright scarlet color until the following spring.

Price, American Cranberrybush—3 yr. plants, 18-24 inches, \$1.00 each, 3 for \$2.75, postpaid

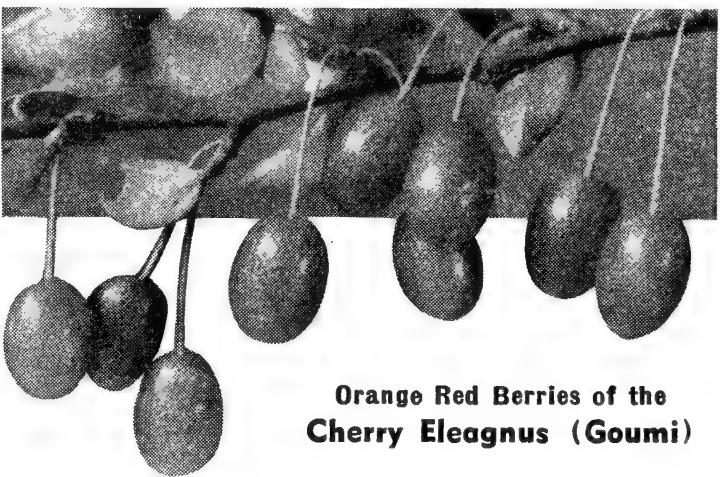
• BEAUTIFUL BUSH CHERRIES •

Nanking Cherry (*Prunus Tomentosa*. A most ornamental upright spreading shrub. Pink in bud, the tiny flowers open a pure white with striking contrast between the white flower petals and the bright red and orange calyx. In June the branches are studded with large rich red fruits, closely resembling our early May Cherries. Good to eat and they make beautiful rich jellies and wine. Set several plants for best pollination. Price, extra heavy, 2-3 ft., \$1.00 each, 3 for \$2.50 by express.

Cherry Eleagnus (*Goumi*) A most attractive medium size shrub, fruitful and ornamental leaves silvery beneath and twigs covered with brownish pubescence, clusters of red fruits desirable in jams. The Goumi is a valuable shrub for landscaping in addition to its abundance of unusual fruits. Price 2 yr. trees, \$1.00 each, 3 for \$2.75 by express.

Varieties: **BROOKS**, **BLACK BEAUTY**, and **MANDAN GOLDEN**. See page 16 for prices and description.

Black Haw A clean looking round headed shrub. Attractive pure white May flowers give place to bunches of pink fruits turning to bloomy black—edible. Deep green foliage turning to scarlet wine red in fall. The Black Haw is an aristocrat among the native shrubs of your boyhood days and now considered an excellent medium large shrub. Price strong 2 ft. plants, 80c ea.; 3 for \$2.00 by express.



Orange Red Berries of the
Cherry Eleagnus (Goumi)

Am. Cranberrybush

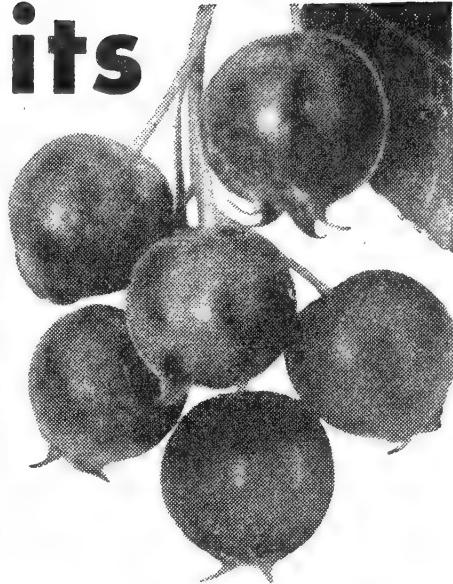
This year we are offering only the one selection (Wentworth) of these large fruited heavy yielding and highly desirable types selected by the U. S. Department of Agriculture for their especially fine fruit characters. They bear large, showy masses of white flowers in June, followed by clusters of large, brilliant red fruit in late summer and fall. The fruit is very high in pectin, of a brilliant red color, and is used chiefly for making

22

Ornamental Fruits

Dual purpose trees and shrubs with their many colored edible or ornamental fruits—attractive flowers and foliage, adding striking contrast in landscape planting.

Apple Shadblow A natural hybrid and because of its profuseness of bloom and fruits it may well be classed as the finest type of the so-called Service Berries or Shad Bush. This rather stout erect shrub, with a flurry of Pink tinted blossoms is truly a Herald of Springtime. In July the clusters of purplish red berries cause it to resemble a Cherry tree laden with fruits. The mild fruits are for all around use either alone or mixed with the more tart fruits such as Currants, Gooseberries, etc. Price: 2 yr., 12-15 inch plants, 60c each, 3 for \$1.50, postpaid.



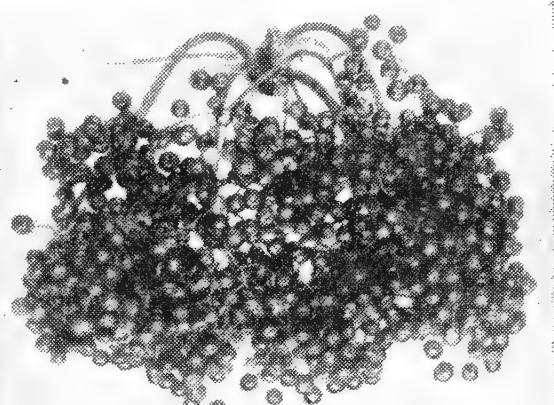
Apple Shadblow
(Amelanchier Gr. Rubens)

Dwarf Juneberries A low compact shrub—not particular as to soil—a mass of white bloom in very early spring followed by reddish berries turning sapphire blue when ripe. Edible and for pies, etc. These Juneberries, Service Berries and Blueberries are among the finest of the dual purpose shrubs. Brilliant Fall coloring. Price: 75c each; 3 for \$1.85.

Service Berry (Shad Bush.) This is a taller type of the Juneberry attaining a height of 15 to 18 feet as tall shrub or small tree. Formerly used by the Indians in fresh and dried form. Price: 65c each, 3 for \$1.55.

Blueberries The Whitesbog cultivated Blueberries are the highest quality fruits of this class of plants and they are equally valuable for their waxy white blossoms and as ornamental shrubs for glossy foliage and striking fall color. For prices of Blueberries see page 4.

Adams Imp. Elderberry The large berries and extra large fruit clusters of the New Adams variety are a decided improvement over the common kinds. Makes delicious pies, jam and wine. Price, 75c each, 3 for \$2.00 by express. For Commercial Planting, 25 for \$10.00; 100 for \$40.00.



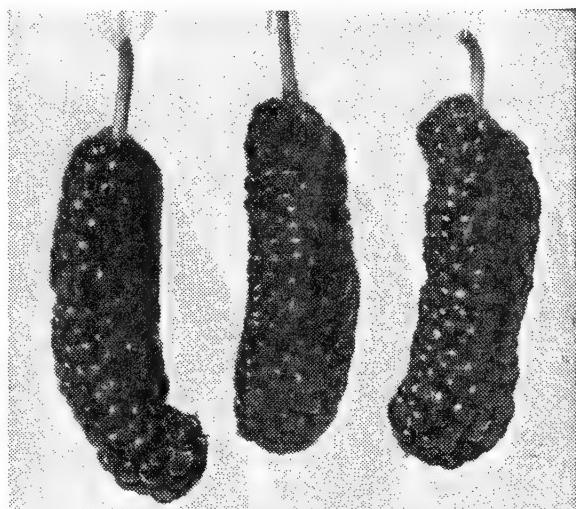
Adams Imp. Elderberry

Dwarf Fruit and Hardy Nut Trees Practical and ornamental. Start bearing at an early age. The selected Hardy nuts are a distinct luxury and very desirable for their shade. See pages 14 and 20.

Dolgo Crab The brilliant red fruits are fine for jelly. See page 15 for prices and description.

Paw Paw This native species produces large banana-like fruits with flesh that is salmon to yellow in color, very good to eat when one becomes accustomed to its peculiar flavor. Price 3 to 4 ft. trees \$1.00 each, 3 for \$2.85 by express.

Success in starting Paw Paws, Persimmons and most other Ornamental trees if you will wrap the trunks quite snugly with heavy paper or burlap and tops loosely with the same material. Remove the top protection on a cloudy day just as soon as buds show green in the spring. The trunks may be left wrapped for the first year.



New American Mulberry

New American Mulberry Often called the Everbearing Mulberry because the fruits are produced from June until September. These Mulberry trees are all very heavy fruiting, producing large jet black berries two inches or more in length, edible and most attractive to birds. They are excellent ornamental trees. Price 4-5 ft. trees, \$1.75 each, by express; 5-6 ft. trees, \$2.50 each, by express.

Dwarf Oka Cherry One of the most striking Dwarf Ornamental Fruiting Trees for the lawn or garden, producing a mass of snow-white blossoms in the Springtime, followed by the large dark plum-like fruits, delicious to eat and red to the pit. The trees we send out should bear fruits the following year. Autumn foliage, attractive orange red. For pollination plant in close proximity to a Brook's Bush Cherry (See page 16). Price 4 to 5 ft. trees, \$2.00 each.



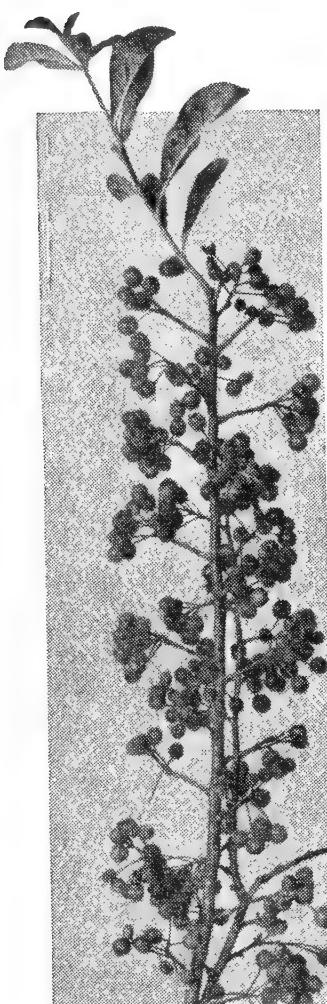
Dwarf Oka Cherry

Plant these Ornamental fruits and derive a three-fold benefit:

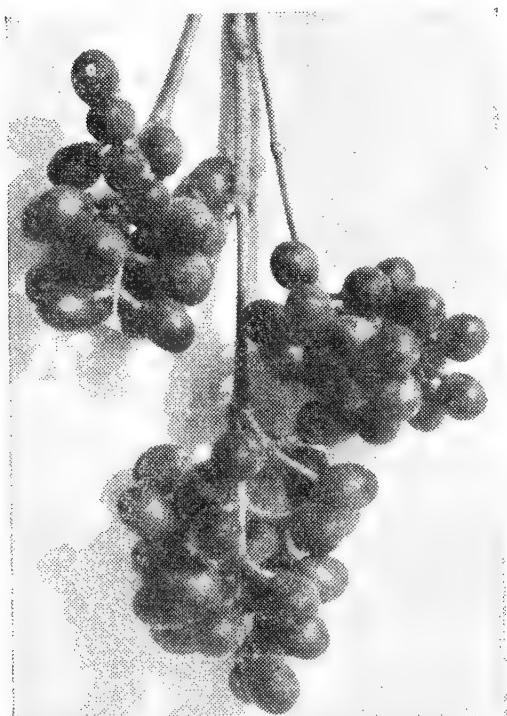
1. The same ornamental blossoms and foliage as other shrubs.
2. The fruits extend the landscape attractiveness over a longer season.
3. They produce fruits that have a utility value and of course attract the birds.

Ornamental Fruits

This page of Fruiting Plants not edible, but producing various colored berries of year around interest



Brilliant Red Photinia
—Christmas Berry
(Description, page 29)



Regals Privet During the winter months this plant is a mass of turquoise blue-berries hanging in clusters like small wild grapes. Besides its attractive winter fruit the Regals Privet is an excellent bushy shrub and one of the finest of our hardy hedge plants. Price, 12-18 inch, 50c each, 3 for \$1.25, by express.

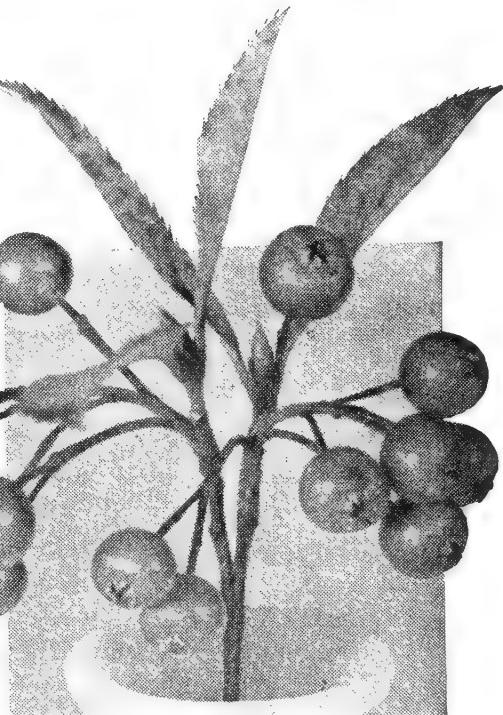
Cornelian Cherry (*Cornus mas*) has always been highly praised for its golden blossoms in early spring, with little attention directed to its decorative fruit. Bejeweled now with much elongated drupes of brightest scarlet which stand out prominently against the glossy leaves, it can no longer escape notice. Fruits are five-eighths of an inch or more in length and one-half inch wide, with firm flesh of a pleasing acid flavor, edible and valuable for preserves. Cornelian Cherries are tall shrubs, or occasionally small trees whose pleasing form and fine foliage add distinction to any planting. Strong 2 ft. plants 85c ea., 3 for \$2.25.

Berrybush Yew (*Taxus Med Kelseyi*) A true Evergreen Yew of semi-dwarf habit, with strong dark green needles, and which bears light red berries most freely, often on plants four or five years old. This is a hardy bush form of excellent shape and which can be used in place of Boxwood in cold climates. Covered with brilliant red berries in Autumn and ranks with the best of the Evergreen berried plants. Price: 12-15" plants, \$1.00 each, 3 for \$2.75.



Firethorn (*Pyraeaantha Lelandi*) Ranks at the top of the list of hardy fruiting shrubs with Evergreen foliage. A true Aristocrat that should be in every ornamental planting. See page 27 for illustration. Price, 3 yr. plants, B&B, \$1.50 each; 3 for \$4.00 by express.

Jetbead (White Kerria) — Producing three to four coffee-like berries in pods on the tips of their branches—persistent throughout the winter. A fine shrub of medium height, white flowers in spring and thrives in sun or partial shade. Blossoms intermittently from May throughout the season. Price: 2 ft. plants, 80c each, 3 for \$2.25.



Aronia Brilliantissima Striking Red Berries and Foliage in Fall. Most decorative bright red fruits which clothe the entire bush. A medium sized upright loose growing shrub with glossy foliage developing beautiful autumn tints. Price 80c each; 3 for \$2.25 by express.

All Ornamental Fruits Postpaid unless otherwise indicated.

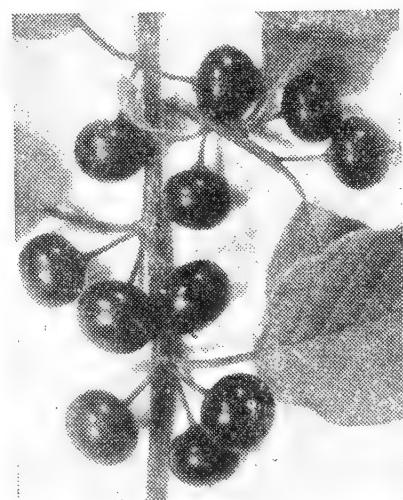
SPECIAL OFFER

Ornamental Fruits

I Dwarf Juneberry	\$0.75
I Nanking Cherry	1.00
I Buffalo Berry45
I Adams Elderberry75
I Hansen Bush Cherry85
I Oka Cherry	2.00
I Am. Cranberry Bush..	1.00
I Glossy Buckthorn, 3 ft.	.75

TOTAL\$7.55

Special Price by express..\$6.95



Glossy Buckthorn

(*Rhamus Frangula*)—Handsome tall shrub. Shiny foliage and fruits are red changing to glossy black, ornamental and quite attractive to birds. 3 ft. plants, 75c each; 3 for \$2.00 by express.

Bush Honeysuckles

80c each, 3 for \$2.25, postpaid. Heavy fruiting age \$1.25 each, 3 for \$3.00 by express.

—**Tartarian Rosea** Deep pink flowers followed by light red fruits.

—**Triple Red** (*Maximoweczi*) has red foliage in the Spring, flowers and fruits are both a striking red.

—**Zabell Red** —This is the best red flowered and red fruiting of all the Bush Honeysuckle family.

Roses . . .

MOST BEAUTIFUL OF
ALL FLOWERS

We consider our selection of Roses on this page to be the most dependable of the long list of rose varieties

You can add beauty to your home with Roses. Plant them in the garden, on the trellis and arbor. You will be proud of the everblooming Rose Bud—Fresh cut Roses from June until frost as well as the fences and walls covered in June with a blanket of Rambler Roses or the hardy large flowering types.

HARDY EVERBLOOMING ROSES

Price heavy 2 yr. field grown plants \$1.25 each; 3 for \$3.45 postpaid. Guaranteed to reach you in good growing condition.

Bloom the first summer (except climbing varieties).

Ami Quinard—Best of the "black" Roses—very dark velvety crimson.

Edith Nellie Perkins—Delicate color blends of light cerise—pink and gold.

E. G. Hill—Dazzling scarlet to deep pure red.

Etoile de Holland—Brilliant crimson red—one of the most dependable and long lived.

Frau Karl Druschki—Best of the large white hardy roses.

Golden Charm—Very double fragrant sunflower yellow.

Pres. Hoover—Cerise pink, softly flamed with yellow, orange and scarlet.

Radiance, Pink—Still ranks as one of the best.

Roslyn—Orange buds—full golden yellow flowers.



HARDY CLIMBING ROSES All Heavy 2 yr. Field Grown Plants

Price, Climbing Roses, \$1.25 each; 3 for \$3.45 postpaid.

Climbing American Beauty—Deep Pink and Large Bloom.

Dr. Van Fleet—Large Double White, Hardy and Free Bloomer.

Excelsa—Red Rambler, one of the best ramblers.

Paul's Scarlet—Finest Red. A most Beautiful Rose.

Primrose—Double primrose yellow blossoms. Best climbing yellow.

Special Climbing Rose Offer

Six—2 yr. Climbing Roses. One each of above varieties, all for \$6.25 postpaid.

Plants for Shaded Situations

Shrubs

Barberry Thunbergii (green)
Cornelian Cherry (Cornus Masc)
Hamamelis Vernalis (Witch Hazel)
Hydrangea Abroescens (White)
Hydrangea (Oak Leaved)
Ligustrum (Regal Privet)
Ninebark (Dwarf Type)
White Kerria (Rhodotypos)

Evergreens

Boxwoods—both types
Mahonia (Holly Leaf Mahonia)
Taxus (all varieties)
Wintercreepers (see page 27)

Ground Covers

Vinca Minor (Blue Periwinkle), Price \$5.00 for 25;
\$12.00 per 100.

Wintercreeper (Evergreen), Euonymus Colorata

SPRING or FALL

Both are good planting seasons for most all types of Nursery stock. Remember to plant EARLY in the Spring. Whenever possible, Fall planted stock should be mulched and otherwise protected over the first Winter.

Everblooming Baby Ramblers (Polyanthas)

Most desirable for their continuous vivid colored blossoms throughout the late summer and early fall. Plant them in solid beds, or border your paths and garden beds and enjoy their vivid long-seasoned blossoms throughout the summer. We find them exceptionally striking when planted with Evergreens as a background. The following varieties are among the best in flowers and thriftiness of their respective colors:

Triumph de Orleans—Enormous heads of Rose-Pink flowers all throughout the season.

Golden Salmon—Beautiful salmon richly overlaid with orange and gold.

Ideal—Bright double red, one of the finest of the everblooming polyanthas.

Price, Polyanthas Roses: 2 yr. No. 1 plants, \$1.25 each; 3 for \$3.45, postpaid.

LEAF SPOT

Keep the foliage of your roses well covered (about every 10 days) with a good fungicide spray or dust during the Spring and Summer months and especially during extended moist rainy periods. The mild type of sulphur, the newer copper mixtures, or other commercial preparations may be used.

Plant Roses several inches deeper than they stood in the nursery row. Dig large hole and use a mixture of Peat Moss and top soil to fill the hole around the roots. Trim the top severely when planting (early Spring). Correct low pruning to produce the finest blooms is 6 to 8 inches above the ground level. In the fall for winter protection mound earth up about a foot high around the bushes and then give added protection with tall grass, straw, fodder, or other suitable material. Horticultural Peat Moss for Roses \$1.00 per bag of approximately one bushel.

Evergreens

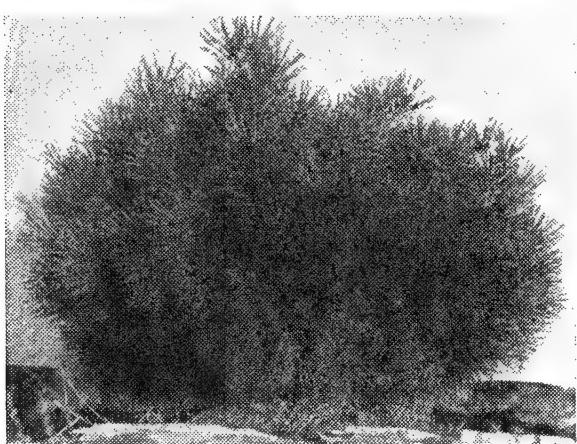


~~~~~For All Winter Beauty~~~~~

These are the plants that will give your planting a striking green effect throughout the winter. The varieties we are offering are the hardy types that are good compact plants and are easy to transplant. Plant them in front of your porches, in foundation or group plantings. They will double the beauty.

Prices on all Ball and Burlap Evergreens are F.O.B. Nursery. When shipment is to be made, add 50c per tree to cover packing charges.

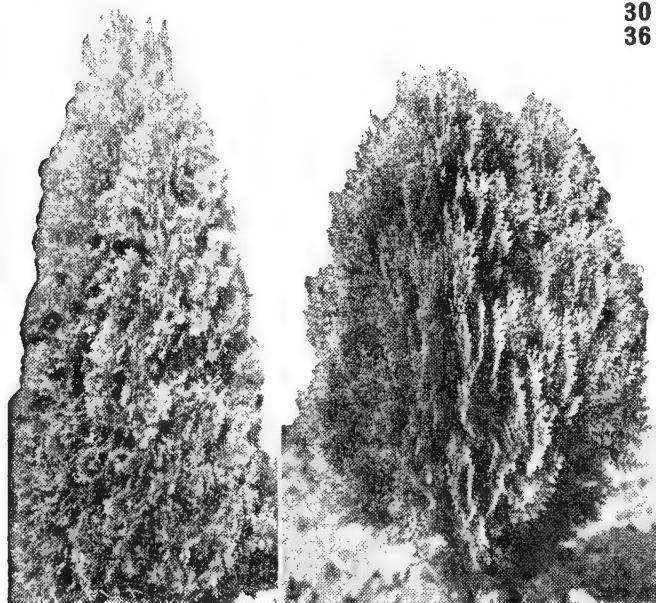
We guarantee all Evergreens to be fresh dug, good specimens and in perfect growing condition when received. Beyond this we have no further responsibility since the planting and growing conditions are not within our control.



Mugho Pine This compact, low-growing, globe-shaped pine is without question the outstanding dwarf Evergreen for all-round use. The color is deep green in summer and winter. 24 inch, \$4.00; 30 inch \$5.00.

Biota Aurea Nana

(Dwarf Golden Biota)—Similar to Biota. Compact in shape but foliage is lighter green with beautiful golden tips. One of the aristocrats of evergreen varieties. See prices below.



Pyramid Arbor Vitae

3 ft.....	\$4.00
4 ft.....	5.00
5 ft.....	6.75
6 ft.....	7.50

Golden Biotas

18 inches....	\$3.00
24 inches....	4.00
30 inches....	5.00

Pfitzer Juniper

24 inches.....	\$5.00
36 inches.....	5.75
42 inches.....	6.50
48 inches.....	7.50

Irish Juniper

3 ft.....	\$3.00
4 ft.....	4.00
5 ft.....	4.75
6 ft.....	5.50

Planting and Care

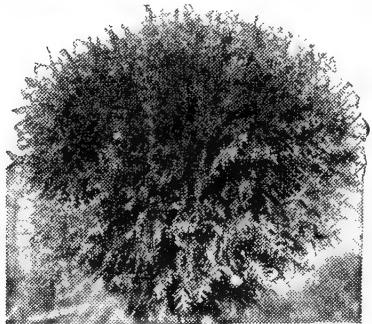
1. Mix a bucket of wet Peat Moss with good top soil in the hole when planting, firm well and water thoroughly just before the last few shovels of dirt are filled in. A two-inch mulch of Peat Moss on top of the ground around the Evergreen will prevent excessive drying.

2. Later watering should be thorough to soak down below the deepest roots. Soils are often quite dry near the foundation of a home.

3. Red spider sometimes causes Evergreens to look washed out. Dusting sulphur will control the red spider.

4. All Evergreens may be trimmed for symmetry or to prevent them from getting too tall. Very early Spring is the best time.

Arbor Vitae



Globe Arbor Vitae

18 inches	\$2.50
24 inches	3.00
30 inches	3.50

Dark Green American

4 feet	\$4.00
5 feet	5.00

Sabina Juniper

30 inches	\$4.50
36 Inches	5.25
Black Hills Spruce	
24 inches	\$3.00
30 inches	3.75
36 inches	4.50

Successful Planting

16-page booklet free with each order of nursery stock.

Contains brief planting and cultural instructions including spray schedules for all fruits.

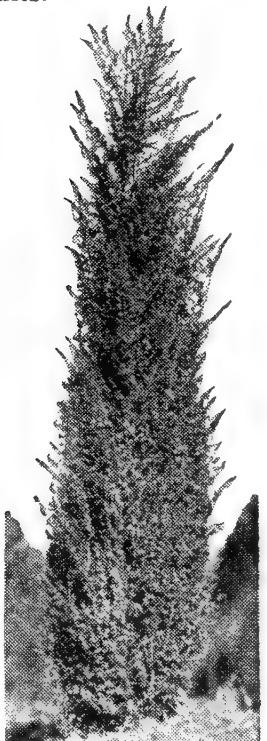
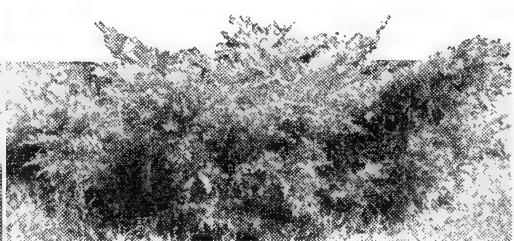
Colorado Blue Spruce

Frosty Blue Trees in great demand for specimens planting in dooryard plantings.

30 inch	\$10.00
36 inch	12.00

Taxus Capitata

The Yews are very desirable for shady locations and north side foundation plantings. Has a good green foliage and upright habit which should be sheared to maintain the desired shape. Price, 18 inch trees, \$6.00 each; 24 inch trees \$7.50; 30 inch trees \$9.00.



Evergreens

(Evergreen Shrubs)

WINTERCREEPERS

These low evergreen shrubs (varieties of Euonymus) with their lustrous green distinctly veined leaves are best suited for low foundation plantings, low evergreen hedges, as edging plants, as filler plants in front of taller evergreens. Several types are ground cover plants and others if given some support will climb stone or brick walls, chimneys, etc., forming a beautiful evergreen vine.

E. Carrieri (Evergreen Bittersweet) Broader leaf, low shrub type. This one for low hedge, edging and for specimen foundation plant. When allowed to grow unsheared it produces numerous small pods of bittersweet-like berries.

E. Colorata (Red Wintercreeper)—A highly desirable vine for walls, stonework and one of the best of refined ground covers and especially to hold terraces and slopes from washing. Remarkable for its brilliant red tints of foliage in the autumn changing to bronze and purple during mid winter.

E. Vegetus (Big Leaf Wintercreeper)—Slower in growth but one of the hardiest and best of all. (2 yr. vines only of E. Vegetus.)

Price all Wintercreepers—Strong 2 yr. vines, 75c each; 3 for \$2.05



Holly Leaf Mahonia (Evergreen)

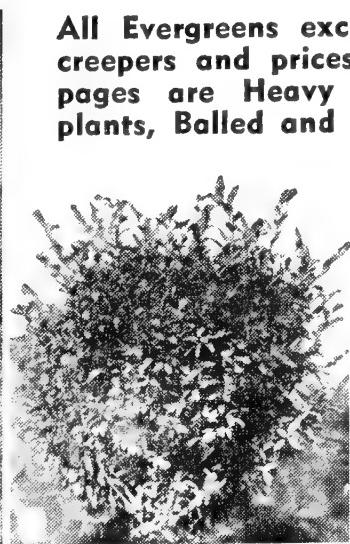
Mahonia (Oregon Holly)—Low growing evergreen, leaves very similar to Holly, produces clusters of yellow flowers followed by black berries. Thrives in sun or shade. Price, 15 inch B&B plants, \$1.25.

Douglas Fir Beautiful Evergreen tree with bluish grey appearance. Tolerant of shade as well as smoke and gasses of the city. Price 4 ft. \$5.00; 5 ft. \$6.50; 6 ft. \$7.50.



Spiny Greek Juniper

18 in.—\$4.00
24 in.—4.50
30 in.—5.00
36 in.—6.00



Hardy Boxwood

Koreana
15 in.—\$3.75
18 in.—4.10



Norway Spruce

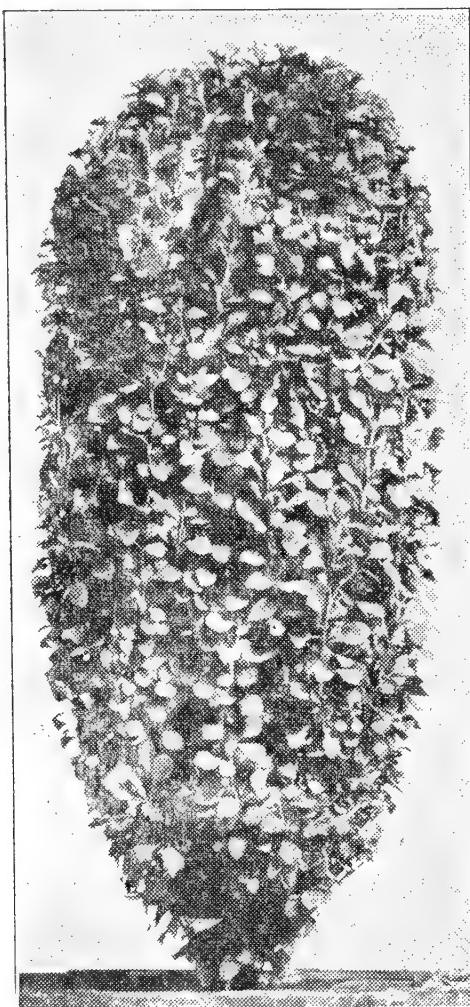
2 ft.—\$2.50
3 ft.—3.25
4 ft.—4.00
5 ft.—5.00
6 ft.—6.50



Upright Junipers

Kettleeri and Hills Dundee
4 ft.—\$ 8.25
5 ft. 10.00

Beautiful Hedge Plants



This Plant of Truehedge Columnberry Trimmed Just Once. A Natural Narrow Upright Hedge Plant and As An Individual Upright Shrub in the Landscape Planting.

Price Truehedge Columnberry

Rates—Each	5	25
12-15 inch	\$0.65	\$0.50
30-36 inch	1.00	.85

Successful Planting Of all Shrubs and Hedge Plants

1. Either Fall or early Spring planting is satisfactory for most all Nursery Stock except the more tender varieties.

2. Plant when the soil is mellow—not wet, or soil will bake and crack as it dries.

3. Use only good top soil when planting and firm well around the roots.

4. A mixture of decadent leaf mold or wet Peat Moss with the soil when planting will work magic with growth. Bone meal may also be used but avoid manure or strong commercial fertilizer near the roots.

5. Trim top growth back one third to one half on all woody plants to balance the shock of transplanting.

6. Keep the soil well cultivated around each plant or use a mulch of strawy manure or Peat Moss to be spaded in each Spring.

7. When necessary to water, soak the soil to the full depth of the roots.

8. Varieties difficult to transplant should have tops protected with light burlap or cloth until growth starts. The Firethorn, the Fringes and Witch Hazel are benefitted by this protection.

Low Edging • Medium Hedges • Tall Screens

All Heavy Field Grown Plants—Not to be confused with Small Seedling Plants often offered at bargain prices.

Truehedge Columnberry Sensational New Hedge Plant

Foliage and Growth Similar to the Boxwood

The quick, erect, compact growth of the Columnberry results in a "self-made hedge." It retains its neat, well groomed appearance with very little trimming. The leaves are larger, thicker and of a much deeper, glossier, healthier shade of green than common Japanese Barberry, taking on a rich deep red coloring in the fall. Its winter beauty lies in the numerous red berries produced profusely and which hang on the bushes until spring. Entirely hardy anywhere in the U. S.

Single plants of the Columnberry may be sheared to specimen pyramids, ovals, espalier and tree shapes. This is truly a remarkable new plant both as an individual shrub and for hedging.

PRIVET HEDGE PLANTS

Scarff's Beautiful Ibolium Privet

Is one of the finest of all the Hedge plants. Quick growing; deep glossy green leaves and compact growth. This is a hardy type of the California Privet.

Prices Ibolium Hedge	Per 10	Per 25	Per 100
1 yr. 10-12 inch.....	\$2.00	\$3.75	\$10.00
2 yr. 12-18 inch.....	2.50	4.50	16.00
2 yr. 18-24 inch.....	3.00	6.75	20.00
2 yr. 2-3 ft.....	4.50	8.50	25.00

Scarff's Barberry Hedge Plants

Not subject to wheat rust

Green Barberry	Per 10	Per 20	Per 100
Heavy 3 yr. 24 inch.....	\$7.00	\$12.50	\$50.00

Red Leaf Barberry	Per 10	Per 20	Per 100
2 yr. 12-18 inch.....	\$4.00	\$7.00	\$30.00
Heavy 3 yr. 18-24 inch.....	8.00	14.00	60.00

Low Edging Plants

Boxwood, Dwarf (Dark Green)

2 yr. 6-9 inch.....	\$4.00	\$7.50	\$30.00
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Boxwood, Super Hardy Korean

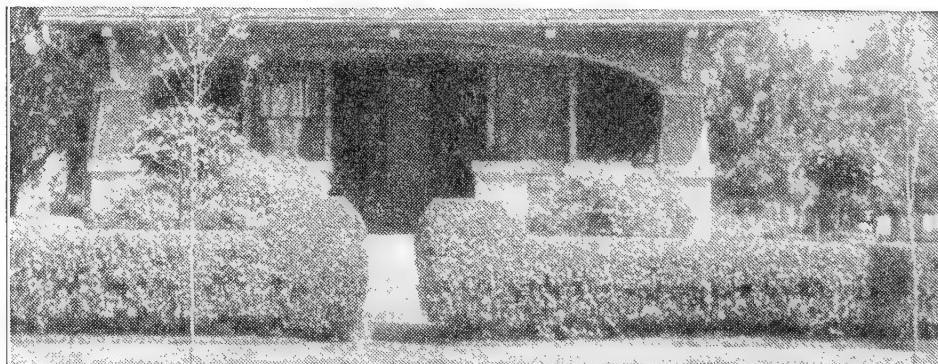
2 yr. 12-15 inch.....	4.00	7.50	30.00
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Glossy Winter Creeper

(Euonymous Carriera) 2 yr. 12-15"....	6.00	10.00	50.00
(See page 27 for description)			

Prices of all Hedge Plants on this page by express, not prepaid.

IMPORTANT In ordering stock from this page please designate them as "HEDGE PLANTS" so that you will be entitled to these special low prices.



Beautiful Privet Hedge

Ornamental Trees



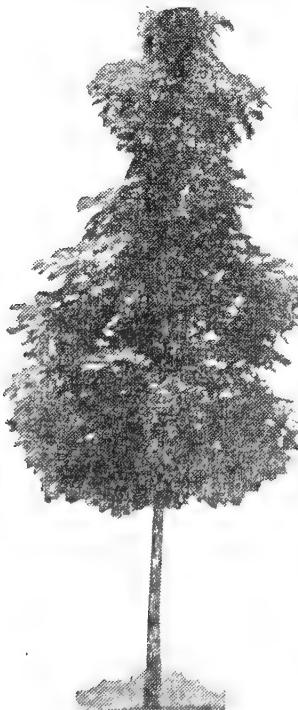
Chinese Magnolia (Soulangeana)

Magnolia Soulangeana

Producing the large cup-shaped white and rosy violet flowers 3 to 5 inches across, in the spring before the leaves unfurl. This variety is the hardiest and most adapted to northern conditions. All magnolias are balled in peat moss for shipment. Price, heavy well branched trees 2 to 3 ft. \$3.95 each.

Special—Shade Trees—Junior Size

2 Scarlet Maple, 2-3 ft.....	\$1.30
2 Sugar Maple, 3-4 ft.....	1.50
2 Tulip Tree, 3-4 ft.....	1.50
2 Weeping Willow, 3-4 ft.....	1.50
1 Christmas Berry Tree, 2-3 ft.....	.85
1 Pussy Willow, 3 ft.....	.80
 TOTAL.....	 \$7.45
\$5.45	SPECIAL PRICE
Packed, F.O.B., New Carlisle	\$5.45



New Pyramidal Maple

Pyramidal Maple

A narrow Pyramidal sport of the Norway Maple developed in the Park system of Rochester, N. Y. Foliage retains its refreshing greenness from early spring until late autumn. This is certainly one of the tree aristocrats and meets the demand for a long-lived Pyramidal tree. Price 8-10 ft. trees \$4.50 each.

Golden Bark

Weeping Willows

and very easy to grow. Plant early in spring (or in November). Price, 5-6 ft. trees, \$1.75.

Christmas Berry Tree

(*Photinia Villosa*) An irregular small tree to 12 ft. with sleek rich dark green foliage throughout the summer. The trees are literally covered with bright red berries throughout the fall. (See page 23 for illustration.) Price, 2 yr., 2-3 ft., 85c each; 3 for \$2.00.

Red Bud

These and the Dogwood trees with their masses of colorful blooms on the hillsides or in the garden are symbols of springtime. The Rosy-pink flowers of the Redbuds are produced before the leaves and are showy in bud as well as in full flower. Heavy 4-5 ft. trees \$2.00 each.

Scarff's Trees Grow

1. Cut top growth back one-third when planting.
2. Wrap trunks with coarse paper or light burlap for protection the first year.
3. Mix moist Peat Moss with the dirt in the hole around the roots when planting.
4. Firm dirt well around roots and then water.

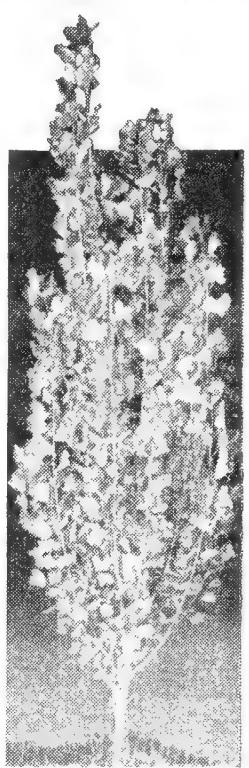
Lombardy Poplars

Price: 8-10 ft. trees \$2.00 each; 10 for \$15.00; 10-12 ft. trees \$3.00 each.

Hedge Size: 3-4 ft. \$4.00 per 10; \$8.50 per 25.

Other Ornamental Shade Trees

	Each
Elm, Chinese, 8-10 ft.....	\$3.50
Elm, Chinese, 10-12 ft.....	5.50
Maple, Norway, 8-10 ft.....	4.00
Maple, Norway, 10-12 ft.....	5.00
Maple, Schwedleri, 8-10 ft.....	4.50
Maple, Silver, 8-10 ft.....	3.00
Maple, Silver, 10-12 ft.....	4.00
Mulberry, American, 5-6 ft.....	2.50
Pin Oak, 7-8 ft.....	3.50
Sycamore (American) 8-10 ft....	3.00
Sycamore (American) 10-12 ft... 4.00	
Sycamore (American) 12-15 ft... 6.00	
Paw Paw, 3-4 ft.....	1.00
Willow, Golden Weeping, 5-6 ft. 1.75	



Lombardy Poplar

Ginko Tree

Unique because it is one of the oldest varieties of trees known. The tree is picturesque, medium to large size at maturity, and forming a compact round head closely resembling a well grown Oak.

The foliage is striking in appearance and seems to be impervious to attacks from insects. The Ginko is an ideal tree for doorway and street planting in addition to its antiquity and biological interest. Price, 6-7 ft. trees, \$4.00 each.

Red Leaf Maple

(Schwedleri).

This is of the Norway type except that the early spring foliage is red, turning to purple and then green throughout the summer and then with good red coloring again in the fall.



Berries of Mt. Ash

Berries of Mt. Ash

Change from green to orange and then almost scarlet in the fall. A medium sized upright tree most suitable for refined lawn planting. Price 7-8 ft. trees \$3.00.

New and Rare Trees

For Refined Lawn Planting



The Bittersweet Tree (*American Euonymus*). An aristocrat of the small trees. Upright deep green foliage. Brilliant autumn colors and masses of bittersweet-like berries. Special low price on 5-6 ft. trees, \$2.00 each; 3 for \$5.00.

Golden Rain Tree A rare, handsome tree reaching a height of not more than 30 ft. Very showy in July when spangled with foot long clusters of golden yellow flowers and in Autumn when foliage turns to crimson and gold. Price 4-5 ft. trees \$3.00 ea.

The Tree of Fire (*Prunus Cistena*) Brilliant red coloring of the leaves all through the summer. Finest of the "Red Leaved" trees. Attains a height of 10 to 12 ft. Price 4-5 ft. trees \$2.00 each.

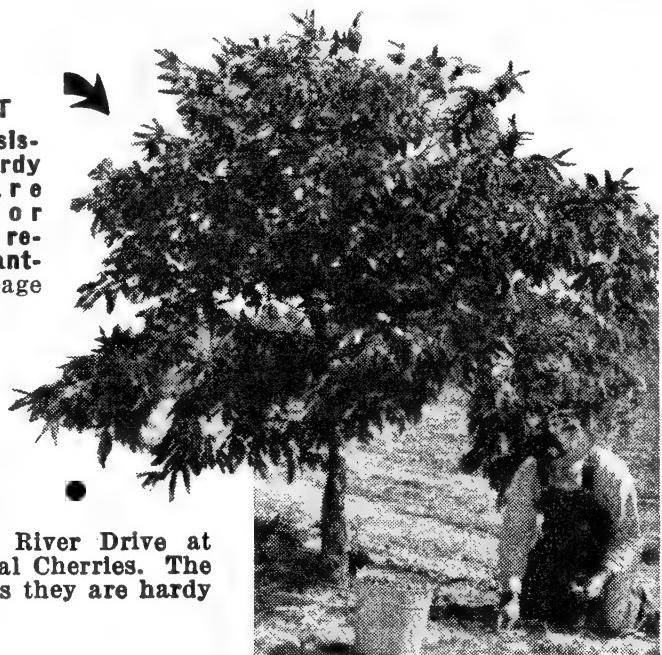
White Birch Not new br' always prized in lawn plantings for their striking beauty in winter and summer.

—European White Birch	6-8 ft.	\$ 3.00
	10-12 ft.	7.50
	12-15 ft.	20.00

• FLOWERING CHERRIES •

The lovely planting of these trees along the Potomac River Drive at Washington, D. C., is the most notable collection of Oriental Cherries. The fame of these cherries has spread all over the U. S., and as they are hardy everywhere they should be largely planted.

The Rosebud "Weeping Cherry"—Excellent for refined lawns with its drooping branches, thickly studded with light pink bloom. Budged at the ground, producing a fountain effect. Select trees 4-5 ft. budged at the ground level \$3.50 each.



CHINESE CHESTNUT

(Blight Resistant). The hardy Nut Trees are Excellent for shade and refined lawn planting. (See page 20.)

Kwanzan Double Flowering pink to old rose blossoms. One of the loveliest of the flowering cherries. Price 4 ft. trees \$2.50.

DOGWOODS

Most beautiful of our native woodland trees. Fine specimen for the lawn.

White Flowering, 3-4'	\$3.00
White Flowering, 4-5'	3.50
Pink Flowering, 2-3'	2.50
Pink Flowering, 4-5'	4.00
Pink Flowering, 5-6'	6.00

← Beautiful Double Red Blossoms of the Red Veined Flowering Crabs

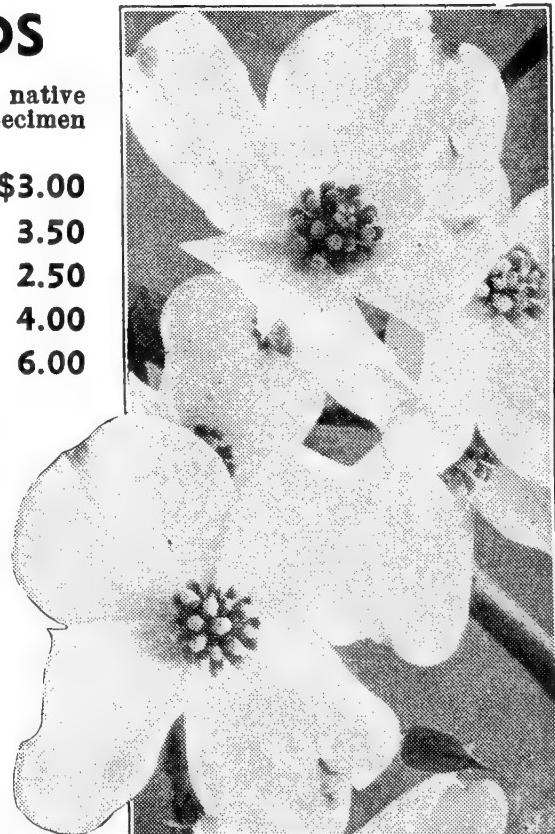
• FLOWERING CRABS •

Price All Flowering Crabs: 4-5 ft. trees, \$1.75 ea., 3 for \$4.50.
Eleyii Red Veined (Eleyii) Crab—Red in blossom, coppery red in foliage, red edible fruits and red stained bark. A new upright type and a choice small refined tree.

Dolgo Crab A true crab apple producing heavy crops of highest quality fruits for jellies, etc. Blossom pinkish white but its great ornamental value lies in the abundance of fiery red fruits which hang on the tree long after ripe. This is a new variety from the northwest and it bids for highest place as a dual purpose crab apple.

Hopa Crab Rose-pink flowers, red fruit, bronze green foliage.

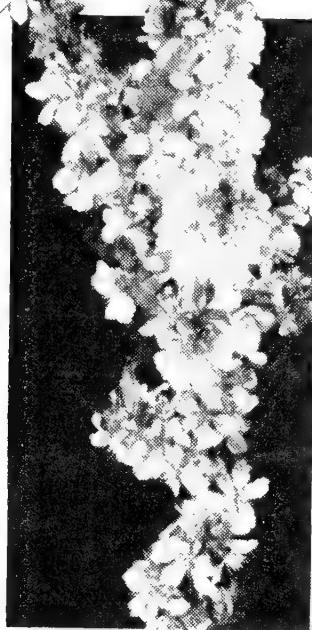
All trees on this page are priced by express not prepaid.



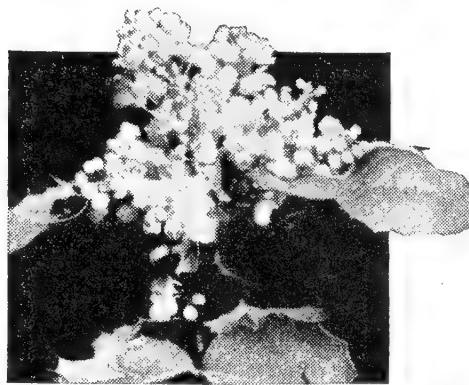
PINK FLOWERING DOGWOOD
Blossoms Profusely at 3 ft.

New and Rare Shrubs

Aristocrats of the Garden



PRUNUS TOMENTOSUM
(Nanking Cherry)
See page 22 for prices and
description.



Holly Leaf Mahonia

Brilliant yellow flowers followed by blue berries. An Aristocrat Evergreen Shrub especially for north sides and other shady locations. Price 3 yr. 15 in. plants, \$1.25 ea., 3 for \$3.00.



Winter Flowering Witch Hazel

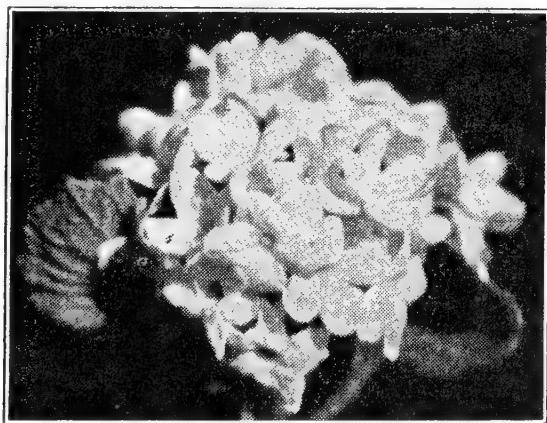
Winter Flowering Witch Hazel

Hamamelis Vernalis.) A profusion of orange red or yellow blossom, sweetly fragrant, in January and February. This is an excellent new shrub, compact and symmetrical, attaining a height of 4 to 6 ft. It is not unusual to find these plants aglow with blossoms some warm winter morning. If the temperature drops, the petals roll up and wait for another warm day, when they are as cheerful as ever. Large 2-3 ft. blooming size plants \$1.00 each; 3 for \$2.50 by express, not prepaid.

Fire Bush
(Euonymus Alatus Compacta)—Height 5 ft. Finest shrub for brilliant red fall coloring and general all season attractiveness. Heavy 24" plants \$1.00 each; 3 for \$2.75, postpaid.

Smoke Bush

(Rhus Cotinus)—The Purple Fringe, as it is often called, most noted for its very showy effect produced by the peculiar long-haired seed stems giving the effect of being covered with a purplish film of smoke. 2-3 ft. plants, \$1.00 each, 3 for \$2.50 postpaid.



PINK KOREAN SNOWBALL
(Fragrant Viburnum)

Beautiful French Lilacs

Any description would fall short of the real beauty both in form and fragrance of these marvelous flowers. They are among the hardiest of all shrubs and very easily grown. The following select varieties are among the thriftiest and most profuse bloomers. Casimer Perier, Dbl. White—Chas. Joly, Dbl. Red—Marie Michell, Dbl. Lavendar—Katherine Havemeyer, Dbl. Pink.

Price, all varieties, strong 18-24 in. plants. \$1.25 each; 3 for \$3.50, by express.

**EXTRA
SPECIAL**
*An Aristocrat
of the Garden
and at a
BARGAIN PRICE*

Pink Korean Snowball
(Viburnum Carlesii.)
Sometimes called the Mayflower Viburnum as it resembles the Mayflower in fragrance and blossom. One of the outstanding New Varieties of recent introduction. Blooms profusely in early spring and flowers are pink in color and heavy laden with spicy fragrance. Price, strong 18 inch plants, \$1.75; 3 for \$4.75, postpaid.

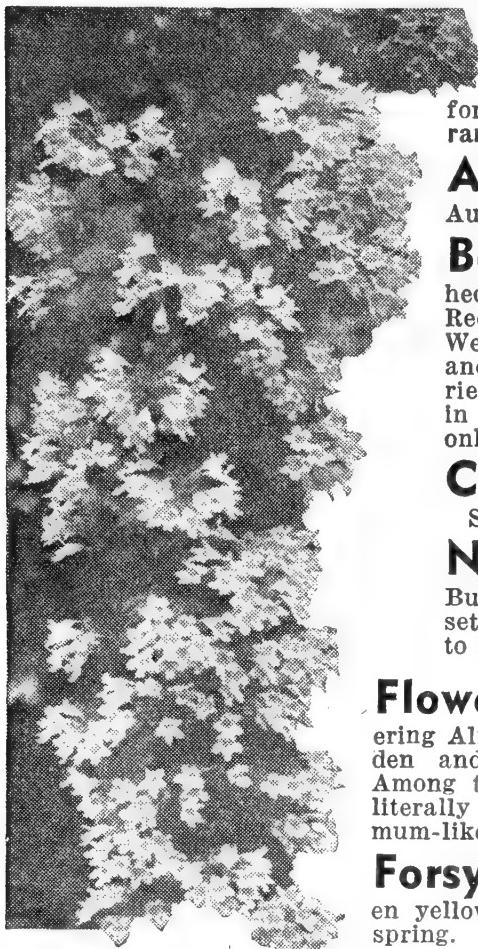
Everblooming Lilac
(Syringa Mierephylla.) A rare new shrub introduced from China by the Arnold Arboretum. A mass of lilac pink blossoms in early spring. It has the unique habit of blooming a second time in the autumn and often stray blossoms throughout the summer. A good shrub for the lawn and border planting. Price, 2 yr., 2 ft. plants, \$1.00 each; 3 for \$2.75, postpaid.



Everblooming Lilac

Ornamental Shrubs

Prices All shrubs on this page are strong 2 and 3 year field grown plants suitable for Landscape planting. Price (unless otherwise noted)—80c each; 3 for \$2.25 by express, not prepaid. If by mail send 15c per plant additional.



KOLKWITZIA AMABILIS
Beauty Bush

Hydrangeas

These large flowering shrubs are excellent for either lawn or foundation planting.

—**Arborescens**—Large white flowers and everblooming.

—**Paniculata Gr.**—The large pink hydrangea. May be trimmed tree form.

Honeysuckles

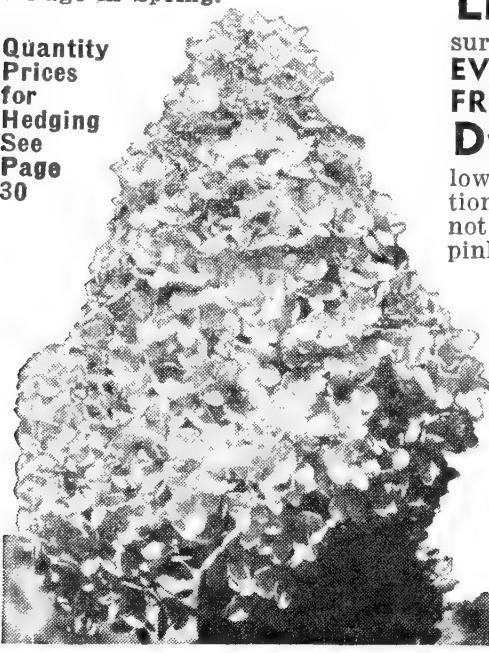
Most valuable tall growing shrubs. In beautiful foliage, flowers and attractive fruits.

—**Fragrantissima**—Almost evergreen. One of the finest of all shrubs.

—**Tartarian**—Pink flowers, orange fruits—upright.

—**Maximoweczi**—New deep red flowers and plenty of red berries. Red foliage in Spring.

Quantity
Prices
for
Hedging
See
Page
30



Pink Hydrangeas

Beauty Bush (*Kolkwitzia Amabilis*)—This New Kolkwitzia, or Beauty Bush, has proven to be a most valuable shrub for general planting. Perfectly hardy, and in the spring its arching branches with their masses of abelia-like blooms transforms the entire plant into a foundation of pink loveliness. **Beauty Bush** is rare and beautiful.

Althea (*Rose of Sharon*)—Showy flowers in August, Red, White and Pink.

Barberry One of the best hedge plants. Compact growth. Red berries in fall and winter. We have both the red and green leaved varieties. Plant the red in sunny locations only for best color.

Calycanthus
Sweet scented shrub.

• See Page 28 for Barberry Hedge Plants •

New Pink Buddleia "Charming" This is truly the aristocrat of the Butterfly family. The blossoms are a genuine bright pink with large, well set flowers from the base to the tip of the spike—and of course is attractive to all Butterflies. Price field grown plants 50c each, 3 for \$1.00.

Flowering Almond This "Double" flowering Almond is from the old fashioned garden and still unsurpassed in its season. Among the first to bloom in the spring, it literally covers itself with small Chrysanthemum-like flowers.

Forsythias The goldenbells with their arching branches of golden yellow flowers are first to bloom in the spring.

—**Spectabilis**—The most profuse bloomer, upright and by far the best.

—**Suspensa**—The true weeping goldenbell.

—**Arborescens**—Large white flowers and everblooming.

—**Paniculata Gr.**—The large pink hydrangea. May be trimmed tree form.

—**Maximoweczi**—New deep red flowers and plenty of red berries. Red foliage in Spring.

—**Lilacs** The old-fashioned white and purple lilacs are not surpassed in beauty and fragrance—

EVERBLOOMING LILAC and

FRENCH LILACS—See page 31.

Dwarf Ninebark One of

the best low compact foliage plants for foundation or border planting. Usually does not exceed three feet. Clusters of small pinkish white flowers in June. Hardy.

Notice If order includes Nursery items priced "Prepaid" and others "Express Collect," the entire order will be sent "Express Collect." In this case you may deduct 5% from the "Postpaid" prices.

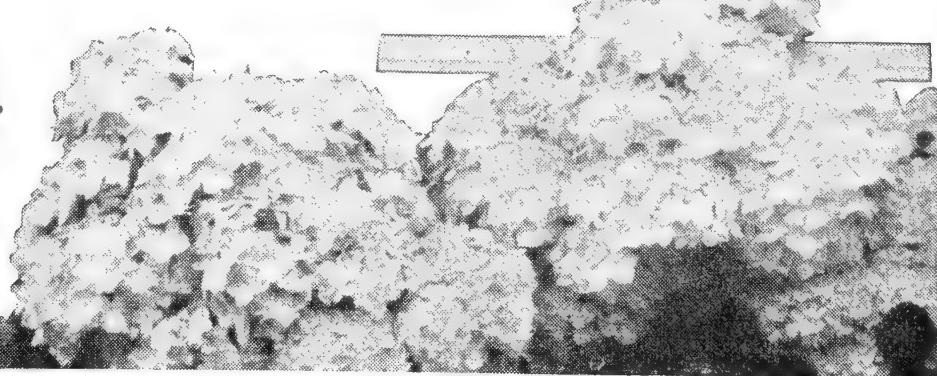
HEAVY FIELD GROWN PLANTS

Each Five

Green Barberry, 3 yr. 24 inch.....\$0.75 \$3.00
Red Barberry, 3 yr. 24 inch..... .90 4.00



PHILADELPHUS VIRGINALIS
Beautiful, large, semi-double,
sweet-scented syringa



Massive Flower Clusters—Over a Foot in Width—White Hydrangeas

Ornamental Shrubs

Prices All shrubs on this page are strong 2 and 3 year field grown plants suitable for Landscape planting. Price (unless otherwise noted)—80c each; 3 for \$2.25 by express, not prepaid. If by mail send 15c per plant additional.

Beautiful Spireas

Anthony Waterer —Dwarf red—free blooming.
Van Houttei —(Bridal Wreath) An old favorite. Masses of White flowers in May
Both the White and Red Spireas are excellent as cut flowers in bouquets.



Large French Pussy Willows
—They come as a herald of Springtime.

Philadelphus The mock oranges are most noted for their waxy white fragrant orange-like blossoms.

—**Virginalis**—Best of the new large flowering syringas, semi-double blossoms.

—**Bouquet Blanc**—The most profuse bloomer of all. Neat compact shrub.

—**Golden**—(*Philadelphus Aurea*) Golden yellow foliage throughout the summer. A dwarf plant, usually not growing over 3 ft.; excellent to use for contrast against the other darker shrubs and evergreens.

Prunus Tomentosum (*Nanking Cherry*) — Excellent upright tall shrub to 10 ft. Masses of cherry-like flowers (some pink tinted) in very early spring. In July the shrubs are loaded down with large edible red Cherries one-half inch in diameter. (See page 22.)

Purple Fringe (*Rhus Cotinus*) — The purple mist-like appearance of this shrub is most fascinating. Found in landscapes old and new. Price, 12-15 in. plants, 60c each; 3 for \$1.50, postpaid.

Tamarix Tall shrub, fine foliage resembling asparagus. Mass of lilac flowers in May.

Double File Viburnum

Vib. Tomentosum). A fine all-season shrub. In early June the horizontal branches become masses of wheel-like clusters ringed with dazzling white flowers with spidery sunburst centers, resembling a fall of snow. Blue black berries and fine autumn foliage.

Weigela *Eve Rathke* — Flowers deep carmine red. Blooms profusely in spring and again in autumn.

Rosea—Flowers deep pink in early June.

Golden Syringa

Foliage golden yellow throughout the entire summer. One of the most striking small shrubs. Grows in sun or shade. Attains a height of about 3 ft. Price, 12-18 in. plants, 85c each; 3 for \$2.25.



Spirea Van Houttei

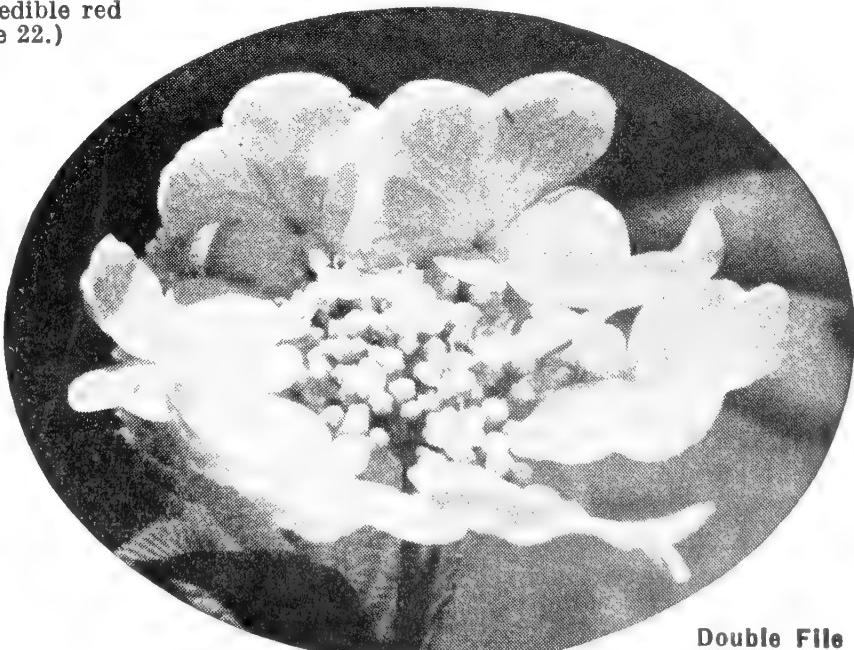
SAVE \$\$\$—Scarff's Special Offers

Strawberry Garden.....	Page 3	~~~~~	Climbing Rose Offer.....	Page 25
New Grape Offer.....	Page 12		Special Boxwood Offer.....	Page 27
Ornamental Fruits.....	Page 24		Jr. Sized Shade Trees.....	Page 29

European Burning Bush (*Euonymus Compacta*)—This rich dark green shrub attains a height of 8 to 10 ft. and in the fall produces numerous Bittersweet-like berries, four-lobed and ranging from pink to orange-red, and in addition the lustrous green foliage in the autumn changes three various shades of deep to bright red. One of the finest of all shrubs.

Flowering Quince The pink flowers appear before the leaves and are followed by yellow quince-like fruits. Sometimes called "Fire Bush" or "Japonica."

Snowball The common Snowball is still an old time favorite.



Double File Viburnum

New Oriental Wistaria

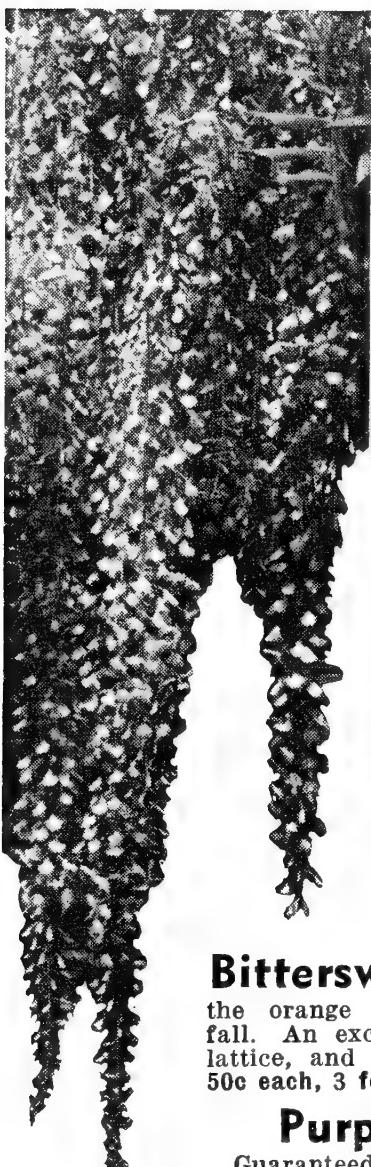
And Other Hardy Climbing Vines

Longcluster Wistaria

Wistarias producing not only enormous length flower clusters but also of the most delicate shades of color. These new super-blooming, large cluster Wistarias are easy to grow and need no special soil or cultural requirements.

—**Floribunda Kyushaku**—Lavender flowers with not uncommon clusters four to five feet long—possibly the longest of any Wistaria flowers.

Price on all Longcluster Wistarias \$1.25 each.



Longcluster
Wistaria

Bittersweet The vines become laden with the orange colored berries in the fall. An excellent vine for porches, lattice, and to cover fences. Price, 50c each, 3 for \$1.35.

Purple Wistaria

Guaranteed to bloom. Propagated from a very heavy blooming strain. Price, heavy 2 yr. plants, 75c each, 3 for \$2.00.

Clematis

—**Paniculata**—(Virgin's Bower.) In mid-summer the entire vine is clothed in a mass of white bloom, followed by numerous light feathery seeds which are attractive until late in the winter. Price, 75c each, 3 for \$2.00.

—**Large Flowering**—Purple Clematis Jackmani. Price, \$1.25 each; 3 for \$3.50.

Boston Ivy The most desirable Ivy for chimneys, brick and stone walls. Price, 50c each, 3 for \$1.25.

True Dutchman's Pipe 2 yr. plants \$1.00 each.

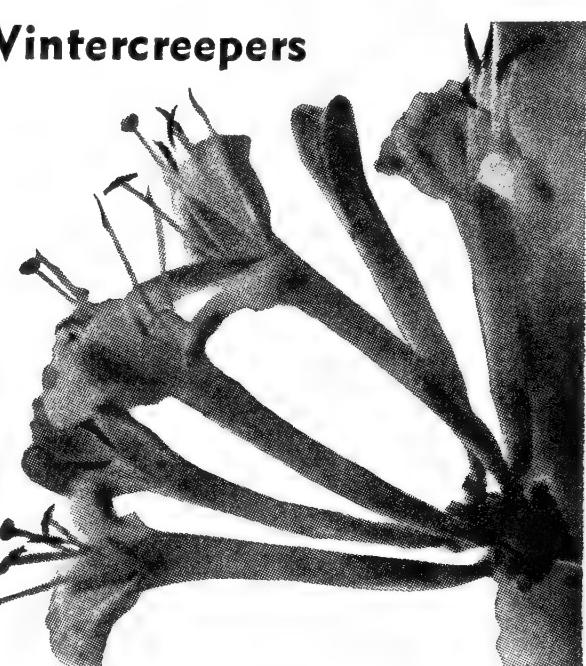
English Ivy The Evergreen Ivy for stone, brick or stucco walls, foundations and chimneys. Best on north sides or other locations protected from the winter sun. Excellent indoor house plant. Heavy plants 50c each, 3 for \$1.25.

Kudzu A remarkable, very quick growing and servicable porch vine, excellent quick screen, growing 40 to 50 feet in one season. Rose purple, pear-shaped flowers plentiful in August. Price, 75c each, 3 for \$2.00.

Trumpet Flower From the old garden. Flowers perfect, trumpet-shaped, orange red. A rapid grower, one of the finest vines for covering fences, trellises, etc. Price 50c each; 3 for \$1.35.

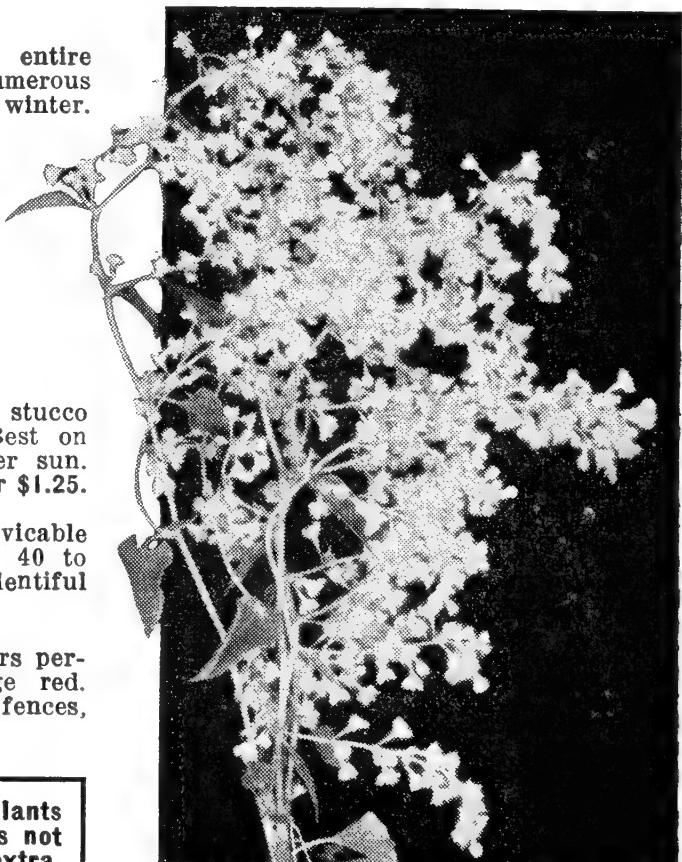
All vines listed on this page strong 2 yr. field grown plants (unless otherwise specified) and will be sent by express not prepaid. If ordered by mail postpaid send 5c per plant extra.

34

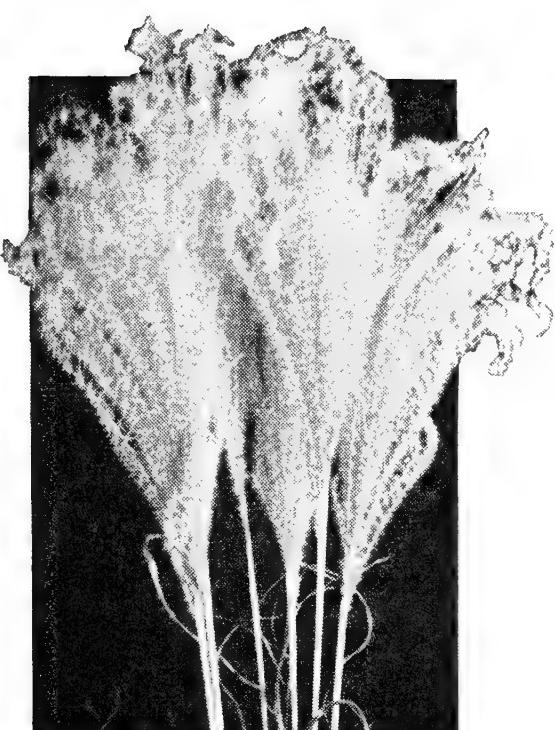


Scarff's Old-Fashioned Sweet Scented Halls
Honeysuckle, 50c each.

Silver-Lace Vine (*Polygonum Auberti*) This charming climber will clamber gracefully over a trellis, porch, or arch, or any other support. Grows very rapidly, averaging 25 ft. in a season. When in bloom it is a cloud of lacy, misty, white with tints of cream and pale rose of most exquisite beauty. Produces more bloom than any other hardy vine and over a long period of time from late summer well into the fall. Price, 2-yr. vines, 85c each, 3 for \$2.25.



Silver Lace Vine



Variegated Plume Grass Quite ornamental and plumes may be cut for all-winter bouquets in the house. Clumps 75c each, 3 for \$2.00.

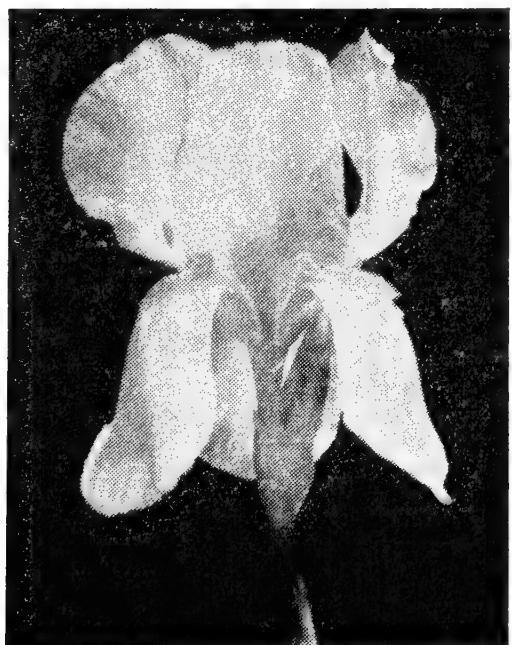
Peonies *Queen of Perennials*

Price all Peony Roots 80c; 3 for \$2.25 by express.
Festiva Maxima The finest white—center flecked crimson.
Mons Jules Eli Light rose pink, immense flower, double crown.
Edulis Superba This is the first good early deep pink.
Felix Crousse Dazzling ruby red. Late mid-season.

House Plants

Everbearing Lemon American Wonder (Ponderosa) Lemons weighing from one to three pounds and on plants 1 to 2 ft. high, as house plants in pots. Glossy green leaves and attractive waxy blossoms. Price pot plants 90c each, 3 for \$2.50.

Dwarf Orange Lovely compact dwarf Oranges. One of the most novel pot plants. True fragrant Orange blossoms and abundant bright oranges hanging on the bush like balls of gold months after they are ripe. Bloom and bear when quite small. Price pot plants 90c each, 3 for \$2.50.

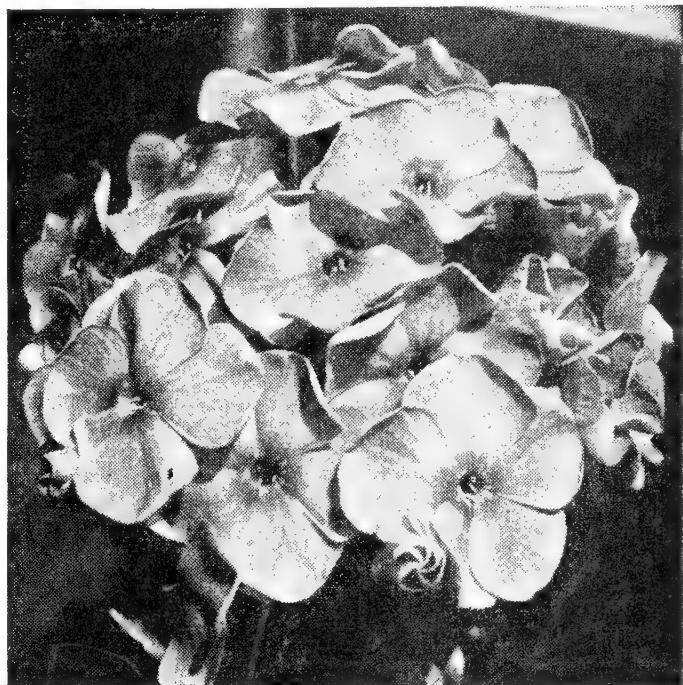


Beautiful "Moonlight" Iris

Perennials

All Perennials Postpaid unless otherwise indicated.

Bleeding Heart \$1.00 each, 3 for \$2.75.	Double Baby's Breath. 60c each, 3 for \$1.75.
Delphinium Large Hybrid Types. 35c each, 3 for \$1.00.	
Gaillardia 35c each, 3 for \$1.00.	
Hardy Chrysanthemums Pink Cushion type. Pillows of color in the Fall. 4 colors—Pink—Bronze—Burgundy Red—Yellow	
Price, 3 for \$1.00, 10 for \$2.75.	
Red Hot Poker 45c each, 3 for \$1.25.	
Red Live Forever (Sedum Brilliant). 35c each, 3 for \$1.00. Blooming clumps, \$1.00 each.	
Shasta Daisy King Elder Variety. 35c each, 3 for \$1.00.	
Yucca Golden Variegated—Evergreen sword-like leaves. 35c each, 3 for \$1.00.	



Scarff's Hardy Phlox

Starting to bloom in midsummer they carry loads of the most brilliant color far into the Fall.

Caroline Vandenberg	Lilac blue.
Daily Sketch	Salmon pink, crimson eye.
Harvest Fire	Brilliant Orange Salmon.
Mary Louise	Best pure large snow-white.
Salmon Glow	Flame pink with salmon.
San Antonio	Carmine red.

Price above varieties 40c each; 5 for \$1.90; 10 for \$3.00 postpaid.

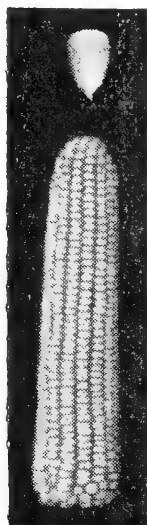
GIGANTIC IRIS

All Iris Varieties 35c ea.; 5 for \$1.40; 10 for \$2.50 postpaid

Ambassador	Late—Giant in flower stalk—Blossoms large, lavender and maroon purple with orange red beard.
Coronation	Deep rich buttercup yellow—Finest of yellow Iris.
Lent A. Williamson	Glistening lavender violet with a golden throat. Profuse bloomer. A true aristocrat
Mildred Presby	White with royal wine falls—a beautiful Iris with plenty of style.
Moonlight	Pearly white as if bathed in the moonlight, contrasted with golden yellow stamens.
Pioneer	Rich reddish purple—early and very free blooming.
Seminole	Best red type—an outstanding Iris that should be in every border planting.
Wedgewood	Large clean Wedgewood blue of excellent form and substance.

1947 OHIO CERTIFIED 1947

STAR HYBRID SEED CORN



Ear of M34

Grown-Detasseled-Dried-Shelled-Graded—All Under Personal Supervision

OHIO M15

A favorite for short seasons, maturing in around 90 days. The stalks are medium tall and are very resistant to lodging. The ears are of medium size with 14 to 18 rows of medium deep grains. This Hybrid will produce an abundance of early corn and we feel it has a very definite and permanent place in our farming program. There was a definite shortage of seed for producing M15 last spring and to insure your seed for 1947 we advise you to place your order as quickly as possible. **Prices on Hybrid page 40.**

OHIO M34

EARLY—DEEP GRAIN—HEAVY YIELD. This early maturing hybrid is one of the heaviest yielders of its season. The plants are dark green in color and hold their greenness well, giving an appearance of lateness even though the ears are well matured. The ears are medium sized with very deep kernels. Plants are highly resistant to blight. An excellent kind to use for hogging off or to husk for early feed. **Price on Hybrid page 40.**

NEW—OHIO 3218—NEW

We offer this new hybrid because we feel definitely it is better than most all hybrids of the W maturity class. It produces large ears with grains of good depth and fairly soft texture. The stalk is medium size with ears placed from 4 to 5 feet high. The fodder has many large blades. It shows fair to good resistance to corn borer and blight. All of these fine characteristics make this hybrid stand out by itself and we urge you to try part of your acreage. It will pay you good dividends. **Price 50c per bushel higher for all grades than those printed on Hybrid page 40.**

OHIO K35

AN EARLY HEAVY YIELDING HYBRID. Maturing earlier than Iowa 939 and just a little later than M34 makes this Hybrid ideal to use as the early part of your crop. Its stalks are medium in height and the excellent root system makes it withstand lodging exceptionally well. The ears, as per the cut, are medium length with grains medium large and quite deep. If you prefer corn not quite so hard this Hybrid will please you. We believe K35 has a very definite place and its superior performance will make it a general favorite wherever it is adapted. **Prices on Hybrid page 40.**

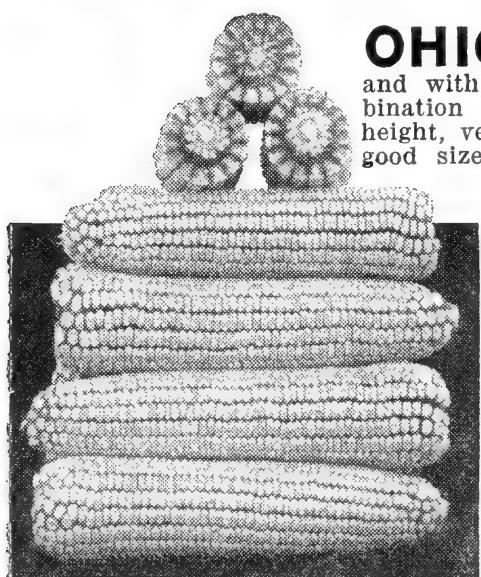
OHIO K24

One of the Good New early Hybrids. Very high in yield and with very desirable stalk characteristics, a combination seldom found. The plants are of medium height, very leafy and quite dark green. The ears are good size, cob small with large, deep richly colored grains. They are placed medium height on the stalk which is quite corn borer resistant. K24 is dependable and you need only to try it for the proof. **Prices on Hybrid page 40.**

Clinton Oats for 1948

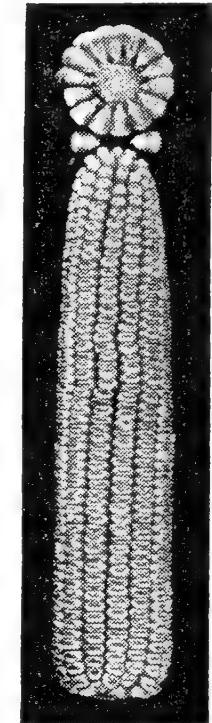
We are producing a large acreage of this new outstanding variety of oats this next Spring and will be very glad to accept orders subject to your approval of price when established. Quantity can be estimated and is subject to change as long as supply lasts. This is the variety that made such outstanding yields in the west this last year. In Ohio on an experimental plot of several acres at Croton, made 110 bu. per acre. We will accept and fill orders in rotation received.

Ear of 3218



Ears of Ohio K35

K24



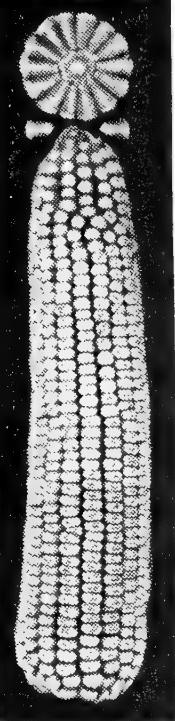
Stalk M15

W. N. Scarff's Sons, New Carlisle, Ohio

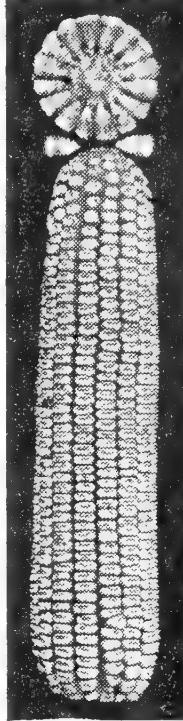
OHIO W10--Midseason Maturity

Heavy Yielder — Good Quality Corn

This Hybrid is way above the average in performance, yield, and in fact most all desirable characteristics. The plants are dark green in color, carry an abundance of leaves and are of medium height. W10 is most desirable in that it possesses a very vigorous root system which almost insures it from lodging and in addition resists blight, stalk rot and corn borer. The kernels are large, well dented and medium soft for feeding. It matures slightly later than W36 and earlier than C38. It forms an excellent combination for succession of maturity with either of the above. Price on Hybrid page 40.



W10

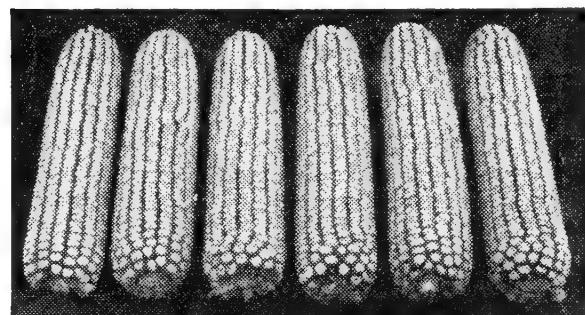


W46

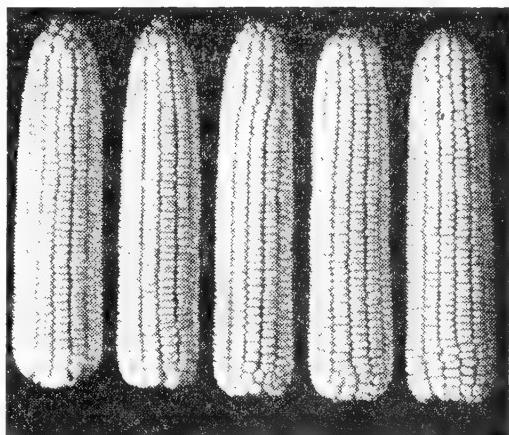
OHIO W46 A Hybrid slightly later than K24 and ripens earlier than Iowa 939. It is good in both yield and performance. The plant is of medium height, blades dark green with ears placed 4 to 5 feet high depending on fertility of the soil. The kernels are well dented and the cob is small. Its ear has 16 to 18 rows of richly colored corn. This Hybrid is adapted over a wide area and has been most satisfactory. Price on Hybrid page 40.

IOWA 306 This Hybrid is very similar to Iowa 939 with most of the faults corrected. The shank is much better, thus eliminating the serious ear dropping habit. The stalk is improved in that it does not dry so rapidly. The ear produced is of good size with soft deep kernels. The yield averages slightly above Iowa 939 with maturity about the same. We have hesitated to grow any more Iowa Hybrids because of the excellent kinds now in Ohio, however, Iowa 306 seems to have many outstanding characteristics our corn growers are demanding. We are sure you will like this Hybrid for midseason maturity. Price on Hybrid page 40.

IOWA 939 Again in 1946, this Hybrid was grown more extensively and with more dependable average good yields of fine quality corn than any other Hybrid in Ohio. It has a medium size stalk naturally stiff and erect with ears placed medium height. Matures in about 100 to 110 days. It has long, quite rough, reddish-cast ears with small cob. Iowa 939 is very disease resistant and is desired especially in the blight areas. It is the one most dependable, year in and year out, to always come through with a crop. We offer either yellow or red seed. Price on Hybrid page 40.



Iowa 939



Iowa 306

OHIO C12 A Hybrid with all the fine characteristics of U.S. 13 except that it matures earlier. It is quite resistant to corn borer and is a very high yielder. The ears are long, grains soft. Cob medium small, which makes drying much more rapid than most kinds. C12 is very dependable and we are producing more of this kind each year. Don't overlook this hybrid in your selection. Price on Hybrid page 40.

Can furnish older Hybrids—OHIO W17-IND 608C-C88

The above Hybrids are being produced only in a very small acreage in Ohio. We will gladly make every effort to secure seed for you if you desire it. Prices on Hybrid page 40.

OHIO W36

Early Midseason Maturity High Yield—Resists Blight and Corn Borer

This outstanding Hybrid produces a medium size stalk with a large 16-18 rowed ear placed just right for either hand husking or for gathering with the picker. The kernels are large and medium soft. It matures in around 100 days. Our neighbor is a feeder of several hundred cattle each year and has grown W36 since it was first introduced. He says it is the best Hybrid he has ever grown and fed. Many farmers feeding all kinds of live stock are telling us the same story. We do not hesitate to recommend this Hybrid to you very highly. Plant W36 with any other Hybrid of its season and we will be satisfied to let its performance speak for itself. Prices on Hybrid page 40.

We carry a full line of Farm seed including Clovers, Alfalfas, etc. Write us for firm quotations.



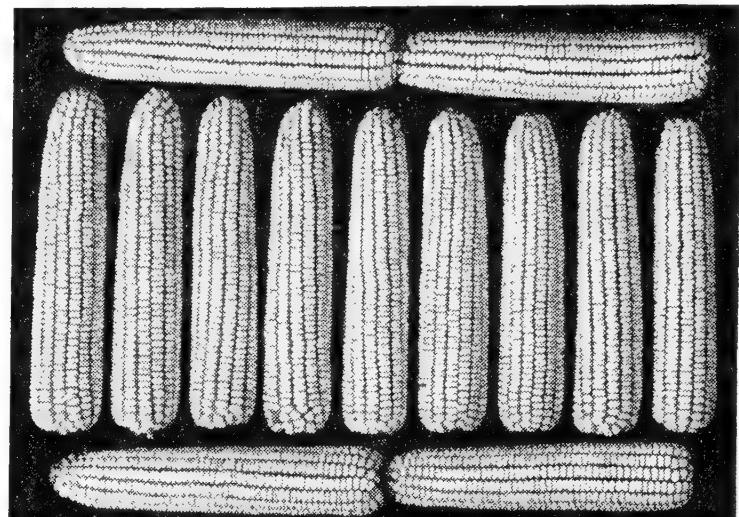
W36 Produces Fine Quality Ears

OHIO C38

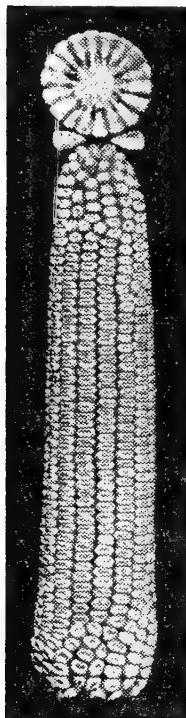
**"Medium Season Maturity—
Heavy Yield—Blight and
Corn Borer Resistant—Grain
Large with Soft Texture"**

Ohio C38 is without doubt the most popular of the new medium season Hybrids. The plant is most vigorous in growth which, when small, makes it more resistant to insect pests that many times destroy the corn plants completely. It produces large, straight-rowed, well-filled ears of corn with kernels quite deep and soft. It has a short shank and is well adapted for machinery harvesting. It matures in around 100-115 days and is being produced over a wide area of Ohio and states surrounding. All of these outstanding qualities has made the increase in acreage

planted to C38 very remarkable since it was introduced and we certainly suggest you place your order as quickly as possible. We are proud to offer this Hybrid. Price on Hybrid page 40.



C38 Ears are Outstanding



IOWA 4059

IOWA 4059 Another Iowa Hybrid that seems to make a remarkable record of performance and yield here in Ohio. It is slightly later than Iowa 939. Maturing at practically same season as C38 and strangely, too, the yield records are almost identical. It produces a good healthy stalk, blight resistant and leaves quite dark green in color. The ears are not rough like Iowa 939. This Hybrid is an excellent corn for mechanical harvesting and because of its increasing popularity we have increased our acreage again this year. Try Ia. 4059 with C38 and take your choice. Price on Hybrid page 40.

OHIO L94 FOR SILAGE AND GRAIN—HEAVY FOLIAGE—HIGH CAROTENE CONTENT. This combination grain and silage Hybrid has proven its value again this year. The stalk of L94 is very deep green, almost black. It contains more carotene, which is very valuable as a dairy feed, than any other silage corn we know. The ears are large with long deep grains. The shank is short and holds the ear tight to the stalk, making it most desirable for the corn binder and easy to feed in the ensilage cutter. Will mature same season as U. S. 13 and will produce heavy crop for cribbing. Price on Hybrid page 40.

WHITE HYBRID IND. 750 We have replaced Ky. 203 with Ind. 750 because of its much superior root system which makes it more resistant to lodging. It is a very heavy yielder in its adaptation of the fertile areas of the southern half of Ohio. It has outstanding U.S. 13 consistency. The stalk is medium tall with good-sized ears and deep grains. Price, all grades, 50c per bushel higher than on hybrid page 40.

KY. 203 Many of our customers have excellent results with this hybrid and we can offer it to you. Prices, all grades, 50c per bushel higher than on hybrid page 40.

U.S. 379 This Hybrid matures 3 to 5 days later than U.S. 13 and has yielded 10% more. Its stalk is medium large with an abundance of leaves. The ears are average to long with 16-20 rows of very deep yellow kernels. It is decidedly more resistant to leaf blight than U.S. 13. Especially recommended for very fertile soil in the southern half of Ohio. Prices as quoted on hybrid page 40.

OHIO L86 is one of the most outstanding three-way crosses. Its exceptionally heavy yields and good performance have created such a demand that we felt it our duty to offer it again this year. You will not be disappointed if you are in the adaptation area of L86. It is most difficult to produce the seed but those who have grown L86 agree that price, which is higher than other hybrids, is insignificant when compared with returns. Price \$1.00 per bushel higher than on Hybrid page 40.

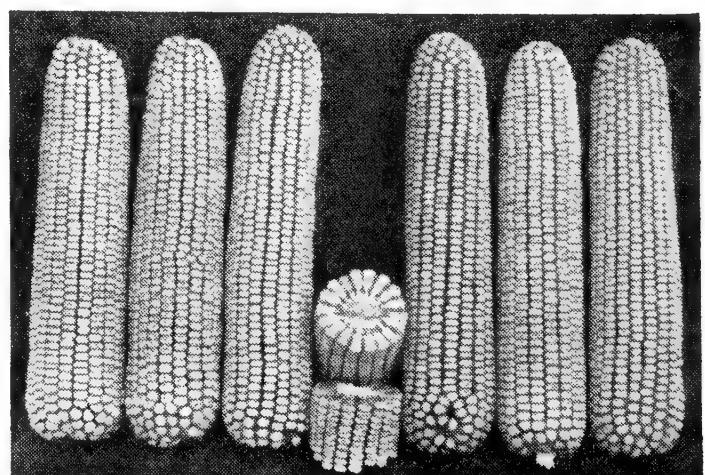
— OPEN POLLINATED SEED CORN —

We offer two of the most popular varieties of open pollinated seed corn. "Blue Clarage," an early kind with high sugar content. "Scarff's Cash," an early, mid-season, high-yielding variety which has proven most satisfactory. Price of either "Blue Clarage" or "Cash," per bu. \$4.50; $\frac{1}{2}$ bu. \$2.50.

U. S. 13 The standard for comparison. One of the oldest and still one of the most popular of all in Ohio. We grew more U.S. 13 than any other kind this season. It produces large ears, deep medium starchy soft grains, a sturdy stalk which stands erect and is very disease resistant. The fine quality, rich-looking ears have 20-22 rows of good deep medium soft grains of high feeding value. While this hybrid has been listed as one of the later kinds, it is maturing easily in the C area, especially on the darker soils. Prices on hybrid page 40.

WE PREPAY FREIGHT ON HYBRID CORN

Many of our customers like to come directly to our warehouse to get their Hybrid Seed Corn. If you cannot do this WE WILL PREPAY THE FREIGHT TO YOUR STATION on all Hybrid Corn shipped to points in Ohio, Indiana, Kentucky and West Virginia.



U. S. 13 Ears

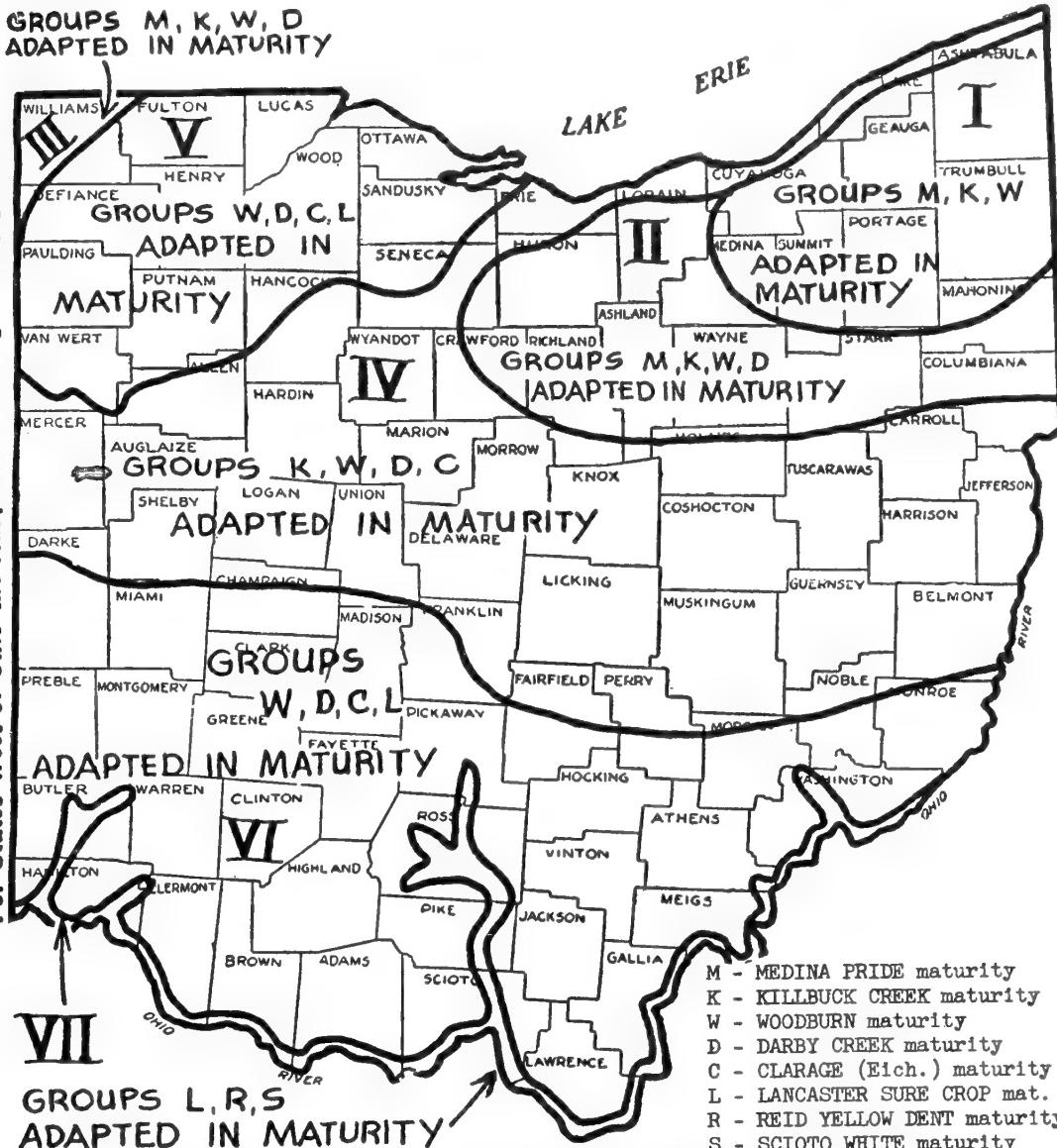
W. N. SCARFF'S SONS, NEW CARLISLE, OHIO

ADAPTATION AREAS FOR CORN HYBRIDS IN OHIO - Revised, 1941

By the Agricultural Extension Service of The Ohio State University, the Ohio Agricultural Experiment Station, and the United States Department of Agriculture

GROUPS M, K, W, D ADAPTED IN MATURITY

For States West of Ohio the Adaptation Lines go Sharply North.



1. On the map at the left, find the area in which the farm is located and note the maturity groups (letters) adapted to the area.

2. Select the maturity group (letters), or groups, best suited to the farm needs. On the map, the first letter in each set of 3 or 4 represents hybrids adapted in maturity to average upland soils. The latest hybrids recommended, represented by the last letter in each set, are adapted only for early planting on highly productive soils. Others are correspondingly intermediate.

3. When the proper maturity group or groups have been selected, refer below for hybrids in these groups.

Build Your Soil for Corn With Legumes

Official (not individual) Ohio tests prove Ohio Hybrids yield more and perform better in the same plots than do other higher priced Hybrids. Why pay more when official proof definitely shows you get less for your money? Plant only Ohio Hybrids.

MATURITY CLASSIFICATIONS OF OHIO HYBRIDS

Maturity Group M (Medina Pride Maturity)
Ohio M15 — Ohio M34

Maturity Group K (Slightly earlier than Woodburn)
Ohio K24 — Ohio K23 — Ohio K35

Maturity Group C (Clarage Maturity)
Ohio C38 — Iowa 4059 — CI2

Maturity Group L (Lancaster Sure Crop Maturity)
Ohio L94—U. S. 13—Ky. 203—L86—Ky. 750—U. S. 379

For your Garden

"HYBRID POP CORN"

Page 40

Maturity Group W (Woodburn Maturity)

Ohio W46 — Ohio W17 —
Ohio W36 — Iowa 939 —
Ohio W10 — Ind. 608C
Iowa 306 — Ohio 3218

For Your Garden

"HYBRID SWEET CORN"

Page 41

SEMESAN JR. FOR FIELD, SWEET AND POP CORN

New Improved Semesan Jr. should help to give you better stands. It generally protects the seed from decaying, and the seedlings from blights and root rots caused by such fungi as Diplodia and Gibberella. In most of the Iowa and Illinois tests reported use of Semesan Jr. treatment of the seed increased the stand over untreated seed by 5 to 15%.

Use 1½ oz. per bushel of seed thus costing only around 2c per acre. Price 1½-oz. packet 15c; 12-oz. can 56c.

HYBRID SEED CORN GUARANTEE

We guarantee to the first buyer that the Hybrid seed, to which the certified tag is attached, is part of the lot of seed actually inspected in the crossing plot and in storage by representatives of the Ohio Seed Improvement Association and found by them to conform to the published standards of the Association for Certified Commercial Hybrid Seed Corn. We also guarantee this seed to conform to the per cent germination required, provided the seed is received intact in the original package and claim is made within 20 days of receipt. Since conditions beyond the producer's control affect germination and growth in the field, no guarantee, expressed or implied, is made concerning the quantity or condition of the crop grown from this seed. Our liability in all instances is limited to the purchase price of the seed.

Open Pollinated Seed Corn

There is still a heavy demand for good open pollinated varieties. We have selected two kinds that have been most satisfactory and for which there has been the greatest demand. "Blue Clarage," an early kind with high sugar content and with grains of soft texture for early hogging down and for general crop a heavy yielder. "Scarff's Cash." This has been our most popular variety over a long period of time. It is medium early, has deep soft kernels. Yields better for us than the old kinds, Woodburn or Clarage. We recommend this to you. Price for either "Blue Clarage" or "Cash," per bu. \$4.50; ½ bu. \$2.50.

HYBRID POP CORN

DEVELOPED BY GLENN M. SMITH

Agricultural Experiment Station, Purdue University

We are offering two of the outstanding Hybrids developed by Purdue University. Both are very definitely superior in every way to open pollinated kinds and we do not hesitate to even "urge" you to plant Hybrid seed if you grow pop corn in your garden or commercially.

PURDUE 38

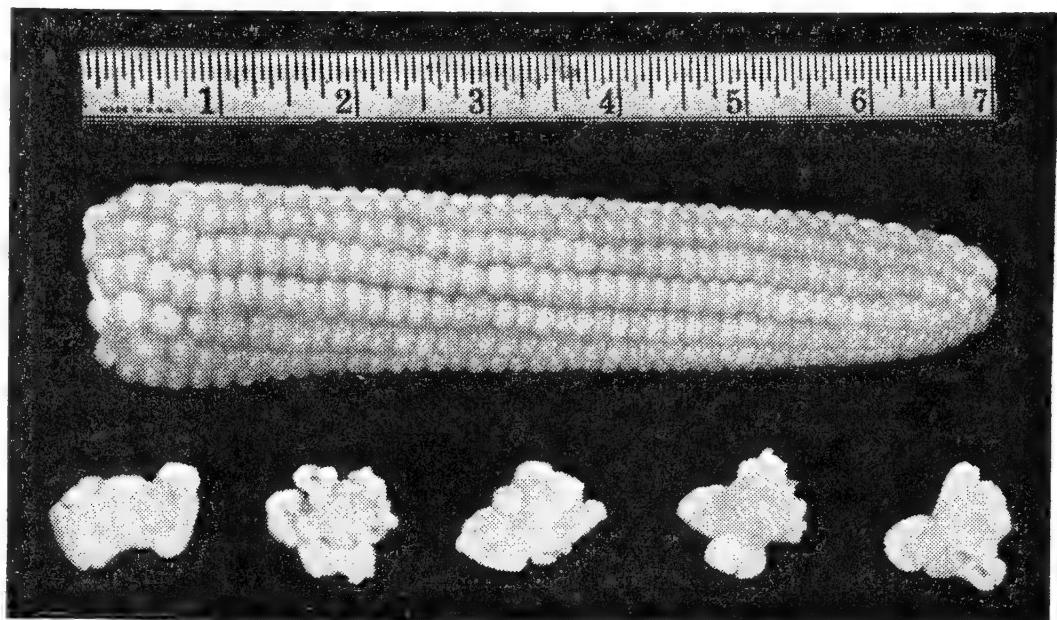
We do not believe you can equal this Hybrid for the commercial grower. The quality is much superior to open pollinated pop corn but not quite equal to Purdue 32. The yield as shown by the table below exceeds all other pop corn Hybrids we know anything about. We popped Purdue 38 in our home all last year. The grains were abnormally large, the flavor was wonderful. Price below.

Performance Record
from
Purdue University—
3-year average acre
yield ear corn

Purdue 38.....4605 lbs.
South American....2450 lbs.

PURDUE 32

This Hybrid has shown itself superior to P34 we offered last year both in yield and quality. It is fine for home popping, with practically no hull and a most delicious flavor. It will not yield with P38 but will produce much more pop corn than the open pollinated kinds and will stand up better for harvesting. Prices for either Purdue 38 or Purdue 32—Postpaid \$1.00 per lb.; 60c per $\frac{1}{2}$ lb.; 35c per $\frac{1}{4}$ lb.; 20c per trial packet. By express or freight, not prepaid, 75c per lb.; 10-lb. lots or over, 65c per lb.; 25-lb. lots or over, 60c per lb. Write for prices on larger lots.



Purdue 38

HYBRID SEED CORN PRICES

Our Hybrid Seed Corn is graded over the most modern machinery for properly sizing corn kernels.

LARGE FLAT GRADE These are the largest grains on the ear. They will in most all cases plant through your regular Planter Plates. We take a great deal of care to make this a very uniform grade of seed for the most critical growers who want only these large kernels. Price \$8.50 per bu.



Medium Flat

MEDIUM FLAT GRADE These grains are standard and only slightly smaller than the large grade described above. They are most regular in size and will in practically all cases plant through regular furnished Planter Plates. Medium kernels will plant two to three acres more than the large flats. More economical and most valuable grains on the ear. Price \$8.50 per bu.



Small Flat

SMALL FLAT GRADE This is the most economical grade of seed to plant. We discard all of the very small grains and use only kernels that will, under any soil condition, have plenty of plant food to start the young corn plant. These grains are slightly smaller than the medium flats and are graded to plant regular and in many cases through your regular plates. This, however, will depend on the Hybrid and always plates should be checked very carefully before planting. Price \$7.50 per bu.

THICK FLAT GRADE The grains in this grade are considered by many growers to carry more vitality than any other kernels on the ear. They are of normal length and not over $2/64$ inch thicker than the regular large flat grains. They do require special plates for your planter and will plant just as regular with these special plates as any of the flat grades will plant. It is merely a matter of planter plates and we will help you with them. See our Planter Plate Service below. Price \$6.50 per bu.



ROUND GRAINS These kernels run over the $15/64$ inch slot in our graders and as the name implies are round in shape. We discard the small round kernels then run the larger grains through our graders again into a medium round grade and large round grade. These grains require special Planter Plates and can be planted very regular. They are without question the most economical grades to plant and are of course cheaper. Price \$6.50 per bu.

Scarff's Planter Plate Service

We have regular Planters set up in our Seed House and will gladly recommend the proper plates for use in the newer type machines, John Deere, McCormick, Deering and Black Hawk. All of our large and medium flat grades are as nearly as possible graded so they will plant through the regular plates furnished with the planter. Do not hesitate to ask about this service. The thick flat grains, round grains and small flat grains in most cases require plates other than those furnished with the planter. Let us help you plant your corn by helping you with proper plates.

WE PREPAY FREIGHT ON HYBRID CORN

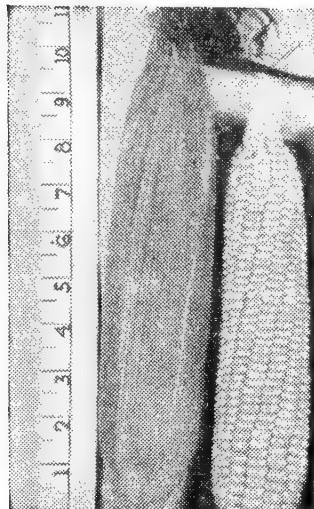
Many of our customers like to come directly to our warehouse to get their Hybrid Seed Corn. If you cannot do this WE WILL PREPAY THE FREIGHT TO YOUR STATION on all Hybrid Corn shipped to points in Ohio, Indiana, Kentucky and West Virginia.

SCARFF'S Hybrid Sweet Corn

Excellent Quality -- Finest Flavor

OHIOGOLD 1

Developed by Agronomy Dept., Ohio State University
Roasting Ears of Most Delicious Flavor



Ohiogold 1

Ohiogold 1 produces a rugged stalk. The plants are tall and about 6 days later in maturity than those of Golden Cross Bantam. Yields of Ohiogold 1 have exceeded those of Golden Cross Bantam by about 25%. See Table below. The ears are long and carry 12-14 rows of medium yellow kernels. Quality excellent. Gardeners have long wanted the combination of high yield and fine flavor. Certainly Ohiogold 1 has given them all they have asked for. Don't fail to include some of this Hybrid seed with your order. Price of Ohiogold 1—70c per lb., 40c per $\frac{1}{2}$ lb., Trial packet 25c postpaid; Not prepaid, 10 lbs. or over 55c per lb., 25 lbs. or over 50c per lb.

Performance of Sweet Corn Hybrids at Columbus	Pounds good ears per acre 2 yr. av.	Days to Roasting ears	Number of Rows
Golden Cross Bantam—the standard midseason variety.....	3751	83	10-12
Ohiogold 1—late	4498	88	12-16

Ohiogold 1 should be included in every home or commercial garden.

SPANCROSS Earliest of all Yellow Hybrids. Very wilt resistant and a heavy yielder of wonderful quality Roasting Ears. This new Hybrid should be in every home garden and is without question the best and heaviest yielder of the very earliest season. Matures to roasting ear stage in approximately 63 days. Try it. Price—50c per lb., 30c per $\frac{1}{2}$ lb., postpaid. Not prepaid, per lb. 40c, 5 lbs. or over 37c, 10 lbs. or over 35c, 100-lb. lots, per lb., 32c.

MARCROSS This Hybrid matures a few days later than Spancross (65 to 67 days). It has a slightly larger stalk, is very cold and disease resistant, which allows very early planting. The flavor is delicious. The ears are medium size with rows straight and kernels fairly deep. An excellent and very profitable Hybrid. Price—50c per lb., 30c per $\frac{1}{2}$ lb., postpaid. Not prepaid per lb. 40c, 5 lbs. or over, 37c per lb. 10 lbs. or over, 35c. 100 lbs., per lb. 32c.

CARMELCROSS The outstanding Early Hybrid. Matures in approximately 70 days, just a few days later than Marcross. It is a heavy yielder of uniform ears of good size. The flavor is luscious and we do not hesitate to recommend Carmelcross in every way. It should be in every home or commercial garden without fail and our best proof of this statement is the repeat orders for Carmelcross we have in our files. Price—50c per lb., 30c per $\frac{1}{2}$ lb., postpaid. Not postpaid, per lb. 40c, 5 lbs. or over 37c, 10 lbs. or over 35c, 100-lb. lots, per lb. 32c.

LINCOLN This Hybrid matures in about 75 days or just between Carmelcross and Golden Cross Bantam. The ear is quite large and grain very sweet with tender hull. It was in the "All American" trials in 1941 and awarded "All American Bronze Medal 1942." Price—50c per lb., 30c per $\frac{1}{2}$ lb., postpaid. Not prepaid, per lb. 40c, 5 lbs. or over 37c, 10 lbs. or over 35c, 100-lb. lots per lb. 32c.

Delicious — PURGOLD — Delicious

Ideal for your home garden. Produces the most delicious of all roasting ears, according to many who are now growing it. Adapted to freezing, which is most important to those having lockers. Price—50c per lb., 30c per $\frac{1}{2}$ lb., postpaid. Not prepaid, per lb. 40c, 5 lbs. or over 37c, 10 lbs. or over 35c, 100-lb. lots, per lb. 32c.

GOLDEN CROSS BANTAM The standard Hybrid Sweet Corn—Developed by Glenn M. Smith of Purdue University, and introduced by the U. S. Dept. of Agriculture and the Purdue Experiment Station. This corn is outstanding because of its resistance to Stewart's disease or bacterial wilt and because of this factor can be planted exceptionally early and you can be certain of a good crop. It is extremely prolific and produces high quality Sweet corn for either roasting ears or canning purposes. Most large Canning Companies are using Golden Cross Bantam exclusively for their yellow corn. Matures in about 78 days. Today no garden is complete without Golden Cross Bantam. Price per lb. postpaid 50c; 30c per $\frac{1}{2}$ lb. Not prepaid, per lb. 40c; 5 lbs. or over, per lb. 37c; 10 lbs. or over, 35c per lb.; 100-lb. lots, per lb., 32c.

IMPROVED GOLDEN CROSS BANTAM A hybrid of the same wonderful quality as its namesake and was introduced by Mr. Smith to eventually replace Golden Cross. The ears are larger, yield is much heavier without any sacrifice in flavor. Stalks are larger and very vigorous. For the commercial grower or home garden. Price—70c per lb., 40c per $\frac{1}{2}$ lb.; trial packets 25c postpaid. Not prepaid, per lb. 60c; 5 lbs. or over 55c per lb.; 10 lbs. or over 50c; 100-lb lots, per lb., 45c.

STOWELL'S EVERGREEN HYBRID This white Hybrid resembles Stowell's Evergreen. The stalk and the ears are large and it matures the same season. It is, however, a heavier yielder of more uniform ears of sweeter flavor. Highly recommended for the Home or the Commercial Garden. Price—75c per lb.; 40c per $\frac{1}{2}$ lb., postpaid. Not prepaid, per lb., 60c; 5 lbs. or over, per lb., 57c; 10 lbs. or over, 55c per lb.

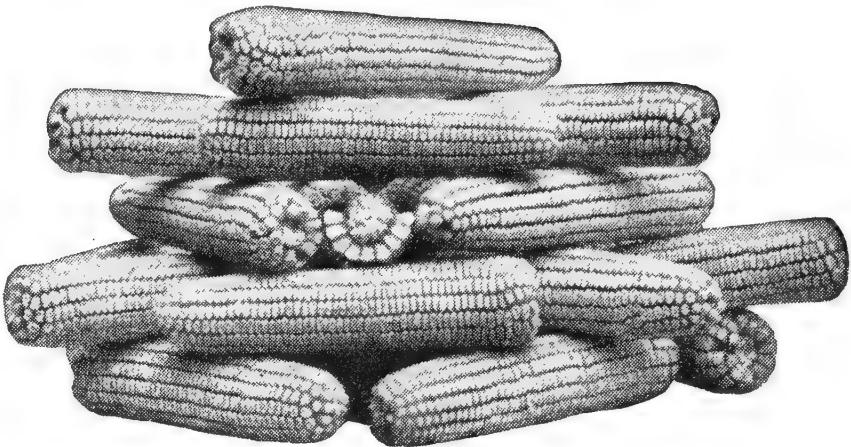
SCARFF'S GARDEN SELECTION Exceedingly delicious Hybrid Sweet Corn from the very earliest to midseason with one planting. We have blended five of the best yellow Sweet Corn Hybrids that you may plant as soon as the soil is warm and enjoy roasting ears until mid-season. Then if you will plant small amount of Golden Cross Bantam each successive week you will have Sweet Corn all summer.

Purchase some of "Scarff's Garden Selection" Sweet Corn Hybrid for your garden and you will marvel at the results. Price "Scarff's Garden Selection" Hybrid Sweet Corn: postpaid, 50c per lb.; 30c per $\frac{1}{2}$ lb.; not postpaid 40c per lb.; 10 lbs. or over 35c per lb. Write for prices on larger lots.

— CASH — BEST EARLY YELLOW

Good Yield — Soft Texture

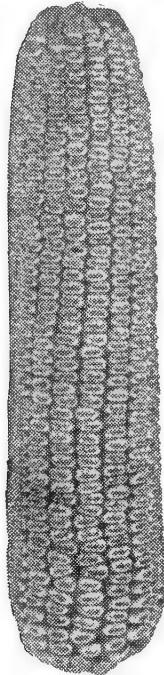
Deep grain—small cob—fine for hogging down—We cannot emphasize too strongly the value of this variety of corn. It is the highest yielding early kind we have ever grown. Has strong, healthy stalk, having many blades of deep green foliage. We have planted as late as June 15, and secured a good crop. Generally speaking, the early planting always gives the greatest returns. The ears are medium to large with exceptional food value. The cobs are small and deep red. Corn Prices Below.



Average Ears of Cash Corn

BLUE CLARAGE

and very broad, color is blue, hence the name. Many growers use and sell it as sweet corn as it is white until it begins to dent. When thrown to stock along with yellow corn they will eat the blue first. Has very high feeding value. The stalks are of medium height and carry heavy foliage. It is a very vigorous grower and can be planted earlier than most kinds. Feeders generally pay a premium for Blue Clverage. Seed Corn prices below.



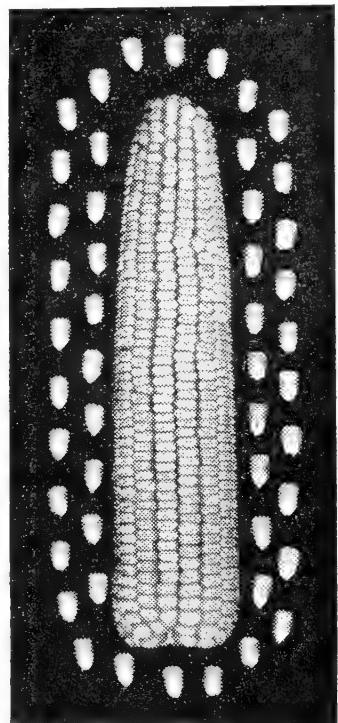
Open Pollinated SEED CORN PRICES

All Seed Carefully Shelled and Graded

Per Bushel....\$4.50 Per ½ Bushel....\$2.50 Per ¼ Bushel....\$1.50

WE CALL TO YOUR SPECIAL ATTENTION NEW HYBRID — OHIO 3218

Especially early for hogging down. Matures 85-95 days. This is a general favorite of the very early varieties. Produces heavy yield of good well-filled ears. Grains are deep



Blue Clverage

We offer this new hybrid because we feel definitely it is better than most all hybrids of the W maturity class. It produces large ears with grains of good depth and fairly soft texture. The stalk is medium size with ears placed from 4 to 5 feet high. The fodder has many large blades. It shows fair to good resistance to corn borer and blight. All of these fine characteristics make this hybrid stand out by itself and we urge you to try part of your acreage. It will pay you good dividends. Price 50c per bushel higher for all grades than those printed on Hybrid page 40.

LADINO CLOVER

The plant of this comparatively new clover is larger than the white variety and has produced a remarkably heavy growth when sown 1 lb. per acre in regular grass or pasture mixtures. It is the ideal clover to thicken old pastures. A wonderful grass for the chicken range. Seed is cheaper this year and as it is very small, resembling white clover, Ladino Clover is a most profitable investment. Include it in your grass mixture this year. Price per lb., \$2.00; 10 lb. lots or over \$1.90.

BARLEY FOR SPRING SOWING

Velvet Barley Long Awns but smooth as velvet—Yields as heavy or heavier than Bearded Varieties—Disease Resistant. Six Rows—Stiff Straw that will not lodge easily. Spring barley has long been recognized as ideal nurse crop for Alfalfa. It shades very little and gives the young alfalfa plant just the right protection. Price per bu., \$2.75.



Spring Bearded Barley This barley is used more extensively than any other kind and very satisfactory with combines. Price per bu., \$2.60.

TREAT BARLEY WITH CERESAN

Fall Barley This variety has come quickly into prominence principally because of the high yields it has been making the last few years. Yields of 60 to 80 bushels are not uncommon. Chinch bugs have not bothered this kind as it ripens too early for them. It should be sown latter part of September, and will ripen last of June. Write us this summer for prices.

All Seed Prices Subject to Change
Without Notice

OPEN POLLINATED SWEET CORN

Golden Bantam This variety is probably the earliest, yellow kinds. Generally it can be planted with safety a week earlier than other kinds. Our seed is northern grown and extra nice.

Early Evergreen An early favorite. Kernels are deep, very white, sweet and tender. One of the most desirable of the early kinds for the home garden as well as for commercial use.

Whipple's Early White Recognized as most popular early white variety. Ripens about same season as Golden Bantam. Ears are 8-9 inches long and have 16-18 rows of exceptionally white sweet grains. One of the best for either home gardens or market.

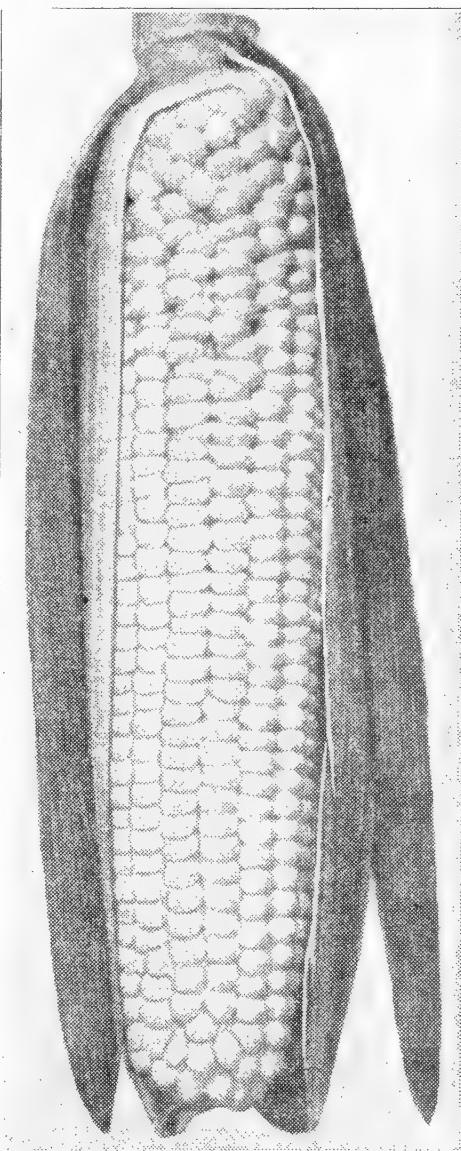
Whipple's Early Yellow The description of this variety is identical with Whipple's White above, except the corn is yellow. For those desiring the yellow corn we recommend it to you very highly. It is a very prolific yielder of fine flavored corn.

Howling Mob A popular, very prolific second early kind. Produces medium large ears, 12 to 16 rows, follows Early Evergreen in maturing and is used extensively for market purposes.

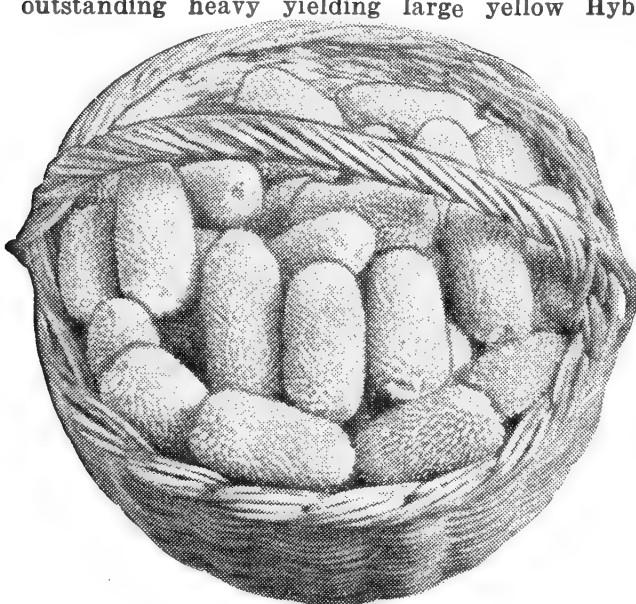
Country Gentleman Among the very best of all mid-season varieties for the home garden because of its tenderness, sweetness and very delicious flavor. Ears are 7-8 inches long and grains are zigzag or staggered.

Stowell's Evergreen The standard of the later kinds. Especially desirable for the commercial growers and canners. It is hardy, thrifty, productive and very sweet and tender. Everyone knows the good qualities of Stowell's. Our seed is northern grown and very hardy.

Prices, Open Pollinated Sweet Corn and Pop Corn Seed, except where otherwise noted, per 1/2 lb., 25c; 1 lb., 40c; 2 lbs. 75c, postpaid; by express, not prepaid, per lb. 30c; 5 lbs. \$1.40; 10 lbs. \$2.25.



Stowell's Evergreen



Myers Perfection Pop Corn

Prices, Open Pollinated Sweet Corn and Pop Corn Seed, except where otherwise noted, per 1/2 lb. 25c; 1 lb. 40c; 2 lbs. 75c, postpaid; by express, not prepaid, per lb. 30c; 5 lbs. \$1.40; 10 lbs. \$2.25.

New Improved Semesan Jr.

Treat all your Sweet and Pop Corn with Semesan Jr. Especially the early planted seed should be protected. The cost is nominal and results will surprise you. Under adverse weather conditions a strong seedling will live while a weak plant will die.

PRICES

1 1/2 oz.....	\$0 .15	6 1/4 lb.....	\$ 3.75
12 oz.....	.56	25 lb.....	12.50

1 1/2 ounces treat one bushel of seed

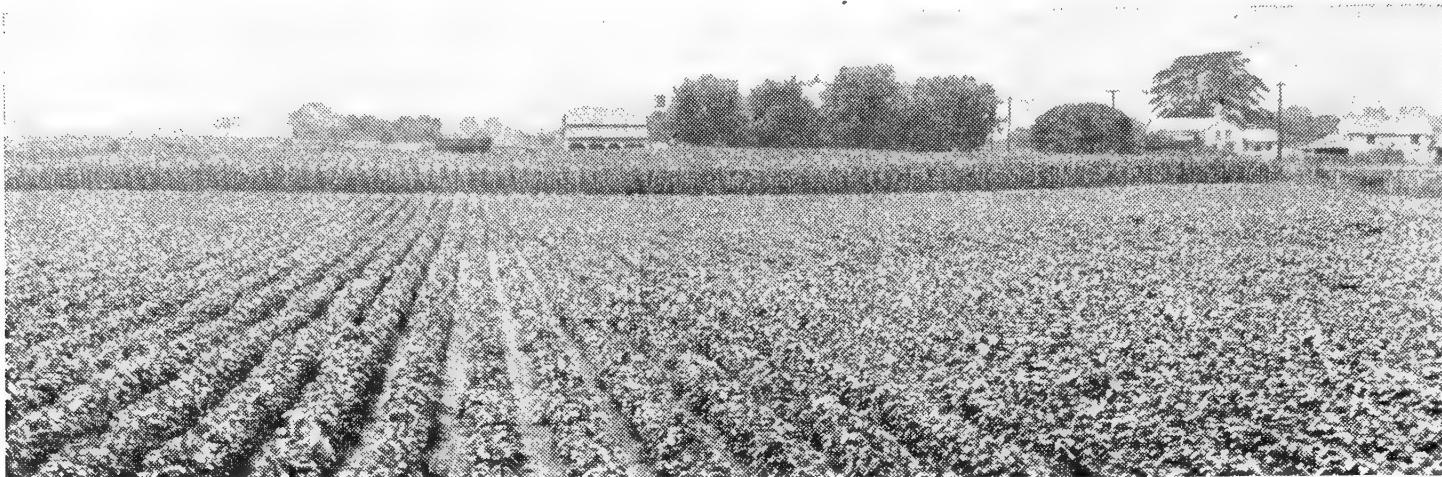


Sweet Corn and Pop Corn should always be treated with Semesan Jr.

SCARFF'S SOY BEANS FOR OHIO FARMS

NEW --- LINCOLN --- NEW

HIGH OIL CONTENT — REMARKABLE YIELD



First Increase Block New Lincoln

The New Lincoln is the result of a natural cross in 1934 of a strain of Mandarin and Manchu at the Illinois Experiment Station. Since that time it has been tested all over the Soy Bean growing area of the United States with highly satisfactory results.

Lincoln matures slightly later than Mingo and same as Dunfield. The plant grows slightly taller than Mingo or Dunfield and tends to branch considerably when planted thin. The stalk is stiffer than Dunfield, Illini or Mingo but not quite as stiff as Richland.

The Oil content is highest and the quality of oil is the best of any variety yet available. In 21 tests over a 5 year period (1939-43) Lincoln outyielded Richland 5.4 bu., Dunfield 5.1 bu., Illini 4.8 bu., Scioto 4.4 bu.

The Lincoln Soy Bean is generally adapted throughout Ohio, with the possible exception of the Northeastern section where earlier maturing varieties should be grown. In southern Ohio Lincoln will mature sufficiently early to precede wheat when planted early and in rows. This variety should eventually replace Dunfield, Illini, Mandell, Scioto, all of the numerous strains sold as Manchu, and probably most of the Mingo now grown in Ohio. Price Lincoln Soy Beans per bushel \$3.75.

Is about a week later than Richland.

Bansei Edible Soy Beans, Page 44

Richland

Stiff Stalk—Early Maturity—High Yield

More Richland beans were sown in our central area than any other kind. If sown at normal season you can easily combine and sow wheat. Their stalk is stiffer than any other kind we know and we had yields of 40 bushels per acre. As a result more Richland will be sown in 1947 than any other kind. Our seed was harvested, cleaned and bagged early and is the best quality. Richland has a high oil content and you should sow pure seed. Price, \$4.00 per bushel.

INOCULATE SOY BEANS

No other investment pays such high dividends as the treatment of seed beans with Nitragin just before planting. The plants show increased vigor and eventually a higher yield. The cut on page 45 is very typical. With the extreme high market value of Soy Beans and the low cost of Inoculation, the difference generally pays for your seed many times over. Price (Culture S) Soy Bean Inoculation: Sizes—2 bu., 30c; 5 bu., 55c; 25 bu. can, \$2.50; 30 bu. carton, \$3.25.

Scioto Scioto was developed by the Ohio State University and released for distribution in 1933. The stalk, as you note by the picture, is very tall and sets on an abundance of pods. It has been yielding at least three to five more bushels per acre than either Illini or Manchu. It is later than Manchu. Price, \$4.25 per bushel.

Wilson A medium sized black bean of unusual qualities, wonderful hay bean, grows very prolific, with many leaves. Is heavy yielder of beans and a variety we recommend very strongly. Plant a few of these beans in the corn you put in the silo. Price below.

Virginia A light brown vining type variety that is very popular for either hay or planting with corn for ensilage; generally too late for seed. Price below.

Prices, Lincoln Soy Beans, \$3.75 per bushel; Richland \$4.00 and Scioto, \$4.25 per bushel; Wilson and Virginia, \$4.25 per bushel.



Stalk of Scioto Soy Beans

EARLYANA SOYBEANS

MATURES EARLY ENOUGH FOR WHEAT IN NORTERN OHIO

This new early kind matures about four days ahead of Richland and nine days earlier than Mingo. The plants are slightly taller than Richland and a little more susceptible to lodging but much more resistant than Mingo. This variety has been very satisfactory wherever grown the last few years and we feel it has a very definite place where wheat is to be sown or for one reason or another the beans should be harvested early. Price, \$3.75 per bushel.



BANSEI

Edible Soy Beans

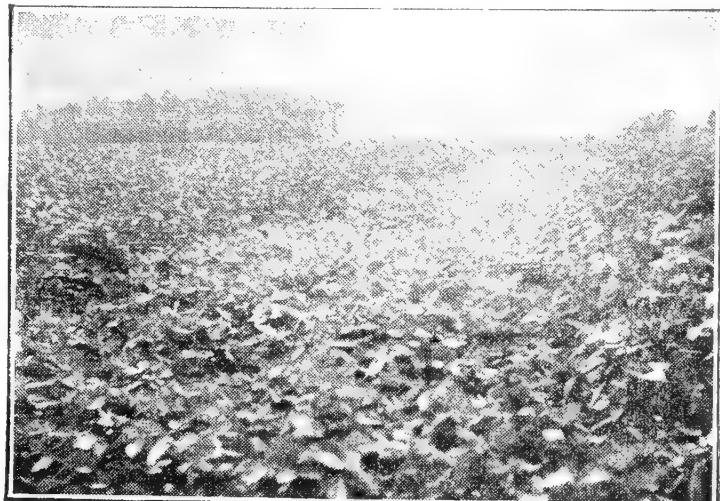
and compact in habit of growth and of medium height. It bears pods profusely and under adverse conditions it produces more pods per plant than most other edible varieties. Eating quality is good. Has a slight tendency to shatter.

This variety is one of the best and we recommend it to you very highly. Try some in your garden or truck patch this year. Price, postpaid, 30c per lb. By express, not prepaid, 25c per lb.; 10-lb. lots, 23c per lb.; 50-lb. lots or over, 20c per lb.

This is a large-seeded early variety used as a green shell bean as well as for ripe edible beans. Its plants are erect and compact in habit of growth and of medium height. It bears pods profusely and under adverse conditions it produces more pods per plant than most other edible varieties. Eating quality is good. Has a slight tendency to shatter.

INOCULATION PAYS WELL

See back Cover Page.



SOYBEAN FIELD near Spencer, Ohio

One drill row thru center not inoculated. Remainder of field inoculated with NITRAGIN.

REED CANARY GRASS

This is a hardy perennial which yields large amounts of palatable and nutritious hay, and also provides excellent pasture. Aside from reproducing itself by seed, it spreads by underground stems, forming a thick, heavy turf when established. It is adapted to the climate of the northern states, being affected little by drouth or cold and thrives well in the shade. This grass has the characteristic of remaining green throughout the growing season; not exhibiting the summer-dormant period following seed production as do most of the pasture grasses. A fine smooth seed bed, such as that usually prepared for small grains, is satisfactory. The seed can be sown in the late fall or early spring. Seed sown just before the ground freezes up will lie in the ground over winter and will be ready to grow in the early spring. Seeding rates are from 5 to 8 pounds per acre broadcast when sown alone. Price per lb., 75c.

Plant for Early Hog Pasture

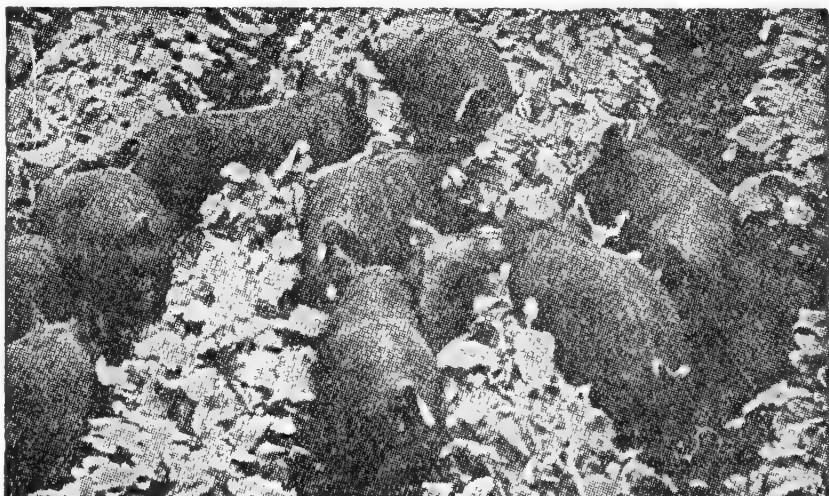
Canadian Field Peas

When sown with Oats at rate of one bushel peas and one bushel oats (preferably Fulghum) make a wonderful quick pasture or hay as you may desire to use them. Peas are a legume almost equal to clovers. Sow same time as oats. Price per bu. \$6.50.

Dwarf Essex Rape

Dwarf Essex Rape is a pasture plant for all kinds of livestock—sheep, cattle, and hogs. As it grows very rapidly, the pasture will be ready in five weeks from the time of sowing. Unlike other forage plants, rape can be sown at any time during spring and summer so a good pasture may be had whenever it is needed. Dwarf Essex Rape will prepare sheep and hogs for market better in less time than any other forage plant.

May be sown in corn at last cultivation. Good results are generally obtained for late fall pasture when Dwarf Essex Rape is sown after the spring grain has been harvested. When sown broadcast, 6 to 8 pounds may be sown per acre. Price, per lb., 25c; 10 lbs. or over, per lb., 20c.



Early Hybrids M15, M34, Cash or Blue Clarage

described on pages 36 and 42. Planted just as soon as at all possible and in which you have sown Dwarf Rape at last cultivation will furnish plenty of early hog feed just when you need it most.

Alfalfa



We have underscored Alfalfa to remind you that again this year there is a shortage of good quality seed. We have in our warehouse fine lots as listed below and as this catalog goes to press it is impossible to buy more from our regular sources. If you are going to sow Alfalfa, we urge you to buy your seed from some source as quickly as possible for you to do so for your own protection. Alfalfa seed is cheaper in price than is Red Clover this year, a most unusual occurrence. We suggest you sow a field of Alfalfa you have been wanting to sow for the last few years. Our seed is the very best quality you can secure.

Kansas Alfalfa Seed

Kansas-grown Alfalfa has been more or less the standard seed for Ohio. We have sown it on our farms year after year with good lasting stands. Our lot was purchased with extreme care and it is the very best grade we could find. Price per $\frac{1}{4}$ bushel \$8.50; per $\frac{1}{2}$ bushel \$16.00; per bushel \$30.00.

We have in previous years offered Oklahoma Alfalfa seed which is adapted in Ohio. Kansas seed has always been more hardy and as this year it is the same price we purchased all Kansas seed. If for any reason you want Oklahoma seed we can ship it to you at same price as Kansas seed.

START ALFALFA WITH VICLAND OATS

This new variety of oats is one of the very best to sow with Alfalfa. It matures early, produces just shade enough to prevent severe sun injury and stands well, which is one of the most essential requirements of any nurse crop. Vicland grows tall enough for combining under most adverse conditions, a characteristic which most early kinds do not have. Start your new seeding of Alfalfa this Spring with Vicland. Price, \$1.60 per bu.

Grimm Alfalfa is impossible to secure at the time our Catalog goes to press. We are doing our best to secure seed of this hardy kind. Write us for further information.

White Blossom Sweet Clover

Will grow in any part of the United States and will thrive in poorest sandy soil where no other kind will grow. Ranks first of all clovers to enrich your soil. Sweet Clover sown in the spring can be cut for hay in same fall sown. Has great food value as well as being the greatest soil builder. Sweet Clover is one legume that is cheap and we believe the best value you can purchase. Do not overlook Sweet Clover this year. Price per $\frac{1}{2}$ bu. \$6.00; per bu. \$11.50.

Yellow Blossom Sweet Clover

A biennial similar to white except growth is not so strong, stems are finer and a more abundant supply of leaves is produced. Makes finer grade of hay. Price per $\frac{1}{2}$ bu. \$6.00; per bu. \$11.50.

Orange Cane (*Sorghum*) This is one of the very best Cane varieties. It is 5 or 6 days later than Amber Cane, grows much larger and produces more syrup. This variety is of special value for planting with corn for the silo. Price 25c per lb.; 10-lb. lots, per lb. 20c.

"Good quality seed, a well balanced program and sound business principles are necessary for any farm to succeed."

Amber Cane (*Sorghum*) A general favorite, grows 10-12 feet high. Can sow as late as July. Requires one package seed per acre. Many farmers plant cane with their ensilage corn. Price 25c per lb.; 10-lb. lots, per lb., 20c.

Korean Lespedeza

This new Clover is especially adapted to the southern half of our state and farther south. It will grow on the poorest soils. It is a wonderful pasture crop and a quick soil builder. It is an annual clover but reseeds itself very readily and maintains a permanent stand. Our seed is of good quality. Price per bu. of 25 lbs. \$3.50.

Sudan Grass Produces an immense yield of nutritious hay. Can be sown as late as July. Sometimes sown with Soy Beans with splendid results. It is easy to cure and is relished by stock. A small patch will make a surprising yield for you. Price, 15c per lb.; \$12.50 per 100 lbs.

Atlas Sorgo A new variety of cane which is a cross between White Kaffir corn and sourless cane. When planted in rows with Corn Planter it requires 7 to 10 lbs. seed per acre and will mature in around 120 days. Stalks are 7 to 10 feet in height, leafy, very juicy and sweet. Excellent for Silage. Price per lb. 20c; 10-lb. lot, 15c per lb.; 100-lb. lots, 14c per lb.

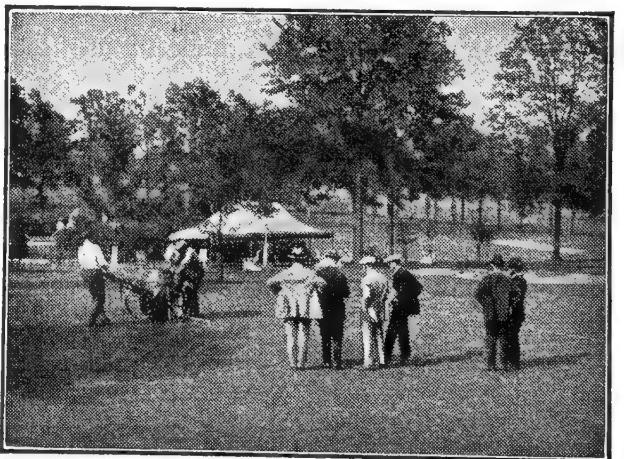
IMPORTANT Price of all Farm Seed is subject to change without notice. We make every effort to establish our prices and keep them, however, as stocks must be replaced, prices may fluctuate. However, you will always find our prices very fair for quality seed.

LAWN SEED

We offer a special mixture of extra good quality Lawn Seed that we do not hesitate to recommend very highly. Many mixtures carry high percentages of objectionable weeds that soon smother out the grass itself. We mix only the best grades of seed which insures a good stand of grass. You cannot afford to take chances with your lawn as once you have sown the weeds they are very difficult to get rid of. The best policy is to sow clean seed. We mix two grades of seed, one for ordinary seeding and another for shady spots. One pound of seed will sow approximately 250 to 300 square feet.

"HEAVY SOD" MIXTURE—Price, per lb., \$1.10; 5-lb. lots, \$1.05 per lb., postpaid. By express, not prepaid, price per lb., \$1.00; 5-lb. lots, per lb., 95c. Ask for prices in larger quantities.

"SHADY SPOT" GRASS SEED—Prices, 10c per lb. higher than Heavy Sod Mixture.



"Pride Yourself on Having a Good Lawn"

CLOVER SEED

Medium Red Clover

The farmer's standard hay and seed legume. Always dependable and most widely used. This year it is extremely high in price and we urge you to buy only the best seed, free of weeds. There are many lots of half-cleaned seed in growers' hands that are priced cheaper than clean seed. These lots are generally much more expensive if the weed seed is cleaned out. Buy only on analysis. We will gladly send you sample of our seed to compare with any other lot you can secure. It can be cheapened by adding some Timothy seed which when grown with any legume carries just as much food value as the legume itself. If you want to pasture the field, add one-half to one pound of Ladino Clover. Price Red Clover, best quality, \$36.00 bu.; per 1/2 bu. \$18.50; per peck \$10.00.



Medium
Red
Clover

Mammoth Red Clover (Sapling). This variety is an enormous yielder of hay of excellent quality, is strong grower and preferred by many growers of the clovers. Price per 1/2 bu. \$18.00; per bu., \$35.00.

Alsike Clover Much like red clover except so tall and finer stemmed. Seed is smaller and goes farther—sure catch and less liable to freeze than red clover. Many sow mixture of red and Alsike. We can verify origin of all our seed and have only one grade, which is best we can possibly secure. Price, per 1/2 bushel, \$17.50; per bushel, \$34.00.

Timothy Seed Sow only seed of good quality and high purity. Timothy seed should be in all grass mixtures. It will catch when other grasses will not. Do not fail to sow best which will cost you no more, and good seed many times is the difference between a good crop and a failure. We have only the very best Timothy seed. Price, per 1/2 bu., \$2.50; per bu., \$4.50.

White Dutch Clover

Lawn and pastures—makes a small compact growth, covering the ground completely. Can be sown either in spring or fall. Price per lb., \$1.50; 10-lb. lots, \$1.40 per lb., postpaid. 10c less per lb. express.

Ladino Clover Is one of the new large varieties of white clover. Our best authorities on grass and pasture mixtures advise the use of some of this seed. It is especially adapted for thickening old pastures as well as in the sowing of new ones. Excellent to sow for chicken range. Price per lb., \$2.00; 10 lb. lots, per lb., \$1.90.

Chewings Fescue A very hardy grass in shady spots and with little moisture. Thrives on almost any soils. Excellent for shaded pastures. Sow 30 lbs. per acre in early Spring or Fall. Price per lb. \$1.00; 10 lb. lots, per lb., 90c.

Brome Grass (*Bromus Inermus*)—A perennial grass that has gained a great deal of popularity in recent years because of its heavy yields with Alfalfa. It should not compete with Timothy as a straight hay crop but sown at rate of 5 to 10 pounds per acre along with the regular seeding of Alfalfa it makes a remarkable yield of very palatable hay. Because of the latter it is very valuable as a pasture crop especially when sown with Alfalfa. Price per lb., 35c.

Red Top A grass valuable in every mixture; grows on any soil and is the best wet land variety we know. It is drought resistant and a vigorous grower. Price per lb. 27c.

Scarff's Buckwheat This variety produces the heaviest yield of the best quality buckwheat; can be sown as late as August, using about one bushel seed per acre. \$4.00 per bu.

All Seed Prices Subject to Change Without Notice

Special Permanent Pasture

Consists of Kentucky Blue Grass, Timothy, Alsike, Red Clover, Alfalfa, and Yellow Sweet Clover, in just the right proportions for a good sod. Sow at rate of 14 pounds per acre. Price per lb., 55c.

For wet spots in the field or for wet fields we have a special mixture. Please specify when ordering. Price of mixture for wet ground, per lb., 60c.

Kentucky Blue Grass A hardy perennial grass familiar to everyone. Where permanent pastures are desired it should be sown with other grasses about 15 lbs. per acre. When sown alone, 40 lbs. per acre. Will grow anywhere. Price, per lb., \$1.10; 10-lb. lot, per lb., \$1.00 100-lb. lots, per lb., \$1.00.

Orchard Grass A very desirable grass especially where there is some shade. More leafy and taller than other grasses. Ripens earlier than Timothy. Thrives well on most any soil. Is very nutritious if cut when in bloom. Price, per lb., 35c; 100-lb. lots, per lb., 30c.



Pure Seed is essential for a good stand of grass

DISCLAIMER ON ALL FARM SEED

We allow you 20 days to test our seed any way you see fit, and if at the expiration of this time it is not entirely satisfactory, return it to us promptly and we will refund your money, but we do not warrant in any way, express or implied, the contents, or the description, quality, productiveness, or any other matter of any seeds sold by us and we will not be in any way responsible for the crop. If the purchaser does not accept these seeds on the above terms, he must return them at once, and money will be refunded.

OATS--VICLAND--OATS

• Matures Early, Fills Well, High Bushel Weight, Good Straw •
Well Adapted to Combining • Yields High Even in "Bad" Oat Years



A Typical Field of Vicland Oats

Vicland oats is a selection from a cross of the parents Victoria, a South American oat variety used as a female, and Richland, an Iowa variety of Russian origin, used as a male. The cross was made at the Arlington Experiment Farm, Arlington, Virginia, in 1930. Thirty-three selections from progenies of this cross were sent to Wisconsin in 1935 for further evaluation and selection. The tests in Wisconsin for resistance to rusts and smuts and for yield and quality covered a period of nine years. The most promising selection was named Vicland in 1940.

The greatest differences occurred in 1938 and 1941 which were years of heavy leaf rust infection, but in other respects they were favorable oat years. Severe lodging occurred in rust-susceptible varieties in farmers' fields during 1938 and 1941. Not only does Vicland produce well when the going is tough for disease-susceptible varieties, but it also holds a high average yield in years when diseases are not commonly prevalent and oat production is generally good. For example, 1939 and 1940 were excellent oat years, with relatively little disease. Under these conditions Vicland led old line varieties by a fairly comfortable margin. In other words, Vicland yields well in both good and "bad" oat years.

Start Alfalfa With Vicland Oats

This new variety of Oats is one of the very best to sow with Alfalfa. It matures early, produces just shade enough to prevent severe sun injury and stands well which is one of the most essential requirements of any nurse crop. Vicland grows tall enough for combining under most adverse conditions, a characteristic which most early kinds do not have. Start your new seeding of Alfalfa this Spring with Vicland.

Price, Pure, Heavy, Good Quality Vicland Seed, \$1.60 per bushel.

Columbia An early Red Oat with same general appearance as Fulghum or Franklin, however matures about a week earlier than Fulghum which is practically same time as wheat is harvested. A wonderful Oat for starting grasses of all kinds. It has been a heavy yielder and we recommend it to you for a trial at least. Price \$1.60 per bushel.

Franklin Franklin Oats originated as a plant selector made in 1922 from the Fulghum variety. Its characteristics as compared with Fulghum are as follows. The straw is longer and decidedly stiffer, it matures slightly later than Fulghum, has an open panicle type of head, while the heads of typical Fulghum tend toward the side-head type. The color of chaff of Franklin oats is white while the chaff of Fulghum is yellow. The kernel color is like that of Fulghum (red). The head type and chaff color should make it rather easy to identify this variety and to maintain pure seed stocks. Franklin oats is nearly free of abnormal types that occur so frequently in Fulghum. Price \$1.60 per bu.



An old picture but it tells the story well.

In the above plots Franklin was compared to two other early strains of Oats. Note how well the Franklin stands when others have completely lodged.

Wayne Introduced by Ohio Experiment Station where it has made remarkable yields. One of the best of all mid-season kinds for Ohio—Wayne has a good stiff straw which prevents lodging except in extreme cases. The grain is large and plump. Hull is thin and grinds easily. This is a year when every effort should be made to insure a heavy crop. We have priced our oats low to give you every advantage possible. Your increased yield will pay you many times for having used Wayne seed. Order as soon as you know your requirements as our stock of good seed is not large. Price \$1.75 per bushel.

CLINTON OATS FOR 1948

We are producing a large acreage of Clinton Oats this year and are accepting orders subject to your approval of price when it is established. Quantity can be estimated and also is subject to change as long as our supply lasts. All orders will be accepted and filled in order received.

Highest Quality Seeds For the Farm

Fruit For the Garden and Orchard

Evergreens — Trees — Shrubs For the Lawn

SCARFF'S FARM SEED

FROM _____
P. O. _____
STATE _____

PLACE
STAMP
HERE

SCARFF'S FRUIT PLANTS ARE BETTER

Hybrid Seed Corn

- * New and standard Hybrids selected for superior performance, higher yields, better ears, deeper grains.
- * All Hybrids produced, detasseled, harvested, dried, stored, sorted, shelled and graded under our own personal supervision. Practically all grown on our own 1550 acre farm.
- * Our drying and storage facilities are unequaled in Ohio.
- * Backed by 50 years of experience in Ohio Seed Corn production.

RUSH ORDER TO W. N. Scarff's Sons NEW CARLISLE OHIO

1550 Acres of Nursery, Fruit and Seed Farms

FOLD ON THIS LINE

Seeds and Plants That Grow and Satisfy.

Seven Sweet Corn Hybrids

Early to late maturing. Heavier yielding and better flavor than open pollinated kinds.

NURSERIES and SEEDS

OVER HALF CENTURY OF FRUIT GROWING. Over 50 years we have specialized in the growing of fruit trees and berry plants testing and fruiting thousands of varieties and are now offering the best of these to our customers.

DISEASE FREE PLANTS. One of the first steps in successful fruit growing is to secure healthy plants free from insect and disease injury. You can secure no finer plants than our Ohio State Certified and Registered Raspberries and other Nursery Stock. They are full of vigor and you can be assured of a strong healthy growth.

NEW AND BETTER FRUITS. We are offering you the "Best there is in Horticulture". This means added satisfaction to our customers.

Full Line Farm Seed

SOY BEANS, SEED OATS, POP CORN, BARLEY, CLOVERS, ALFALFA, ALSIKE, etc.

 THIS FLAP IS GUMMED, READY TO SEAL
NO ENVELOPE NECESSARY

GUARANTEE. — W. N. SCARFF'S SONS guarantee full delivery of their Nursing Stock and Farm Seeds to be true to name and to arrive in good condition. Any dissatisfaction as to quality or condition of the Nursing Stock must be made promptly on receipt of same. The Seed to come from us will be received and guaranteed to be of the best quality and to meet the expectations of the customer. Since conditions beyond our control may affect germination of seed and growth of stock and plants, no guarantee expressed or implied is made concerning the quality or condition of the crop grown from the original purchase price.

OHIO CUSTOMERS REMIT 3% STATE SALES TAX
ONLY for Nurses Items Not for Commercial Plumbing.

SEEDS MEN

NEW CARLISLE, OHIO

NURSERYMEN

Scarf's Sons

HOWARD N. SCARFF 1550 Acres in the Heart of Ohio
NURSERY AND FRUIT DEPTS.
MAX M. SCARFF FARM AND SEED DEPTS.

SCARFF'S SEED FOR YOUR PROFIT

SEMESAN Jr. for Corn



New Improved Semesan Jr. should help to give you better stands. It generally protects the seed from decaying and the seedlings from blight and root rots caused by such fungi as Diplodio and Gibberella. Most Iowa and Illinois tests reported Semesan Jr. treatment increased the stand 5 to 15%.

Use $1\frac{1}{2}$ oz. per bushel of seed, thus costing only around 2c per acre. Price $1\frac{1}{2}$ oz. packet 15c; 12 oz. can 56c; $6\frac{1}{4}$ lb. can \$3.75.

SEMESAN Bel for Potatoes

An organic mercury compound for easy quick dipping of seed Potatoes. Safe and most effective in controlling parasitic organisms without injuring either the cut or the whole potato. Costs only 1½ to 3 cents per bushel and has increased yields up to 25%. Booklet with complete information free.



Treat Seed Oats and Barley with CERESAN

**Controls loose smut and other diseases which lower Oats yield.
Folder with complete description free. Price of Ceresan:**

1-lb. can....\$.75 4¾-lb. can....\$3.14 25-lb. drum....\$14.50
½ Ounce Treats 1 Bushel of Grain.



Crow-Tox Protect your corn by using Crow-Tox. It aids in preventing Crows, English Starlings, Pheasants, Blackbirds, Woodchucks, Squirrels, Moles, etc., from pulling and digging up your planted corn. You will have better results if you scatter a few kernels of the corn about the field after planting.

Crow-Tox will not injure the seed corn, but is a positive protection in the prevention of seed rotting in the soil. Larger crops are assured through its use. Less labor is involved, for Crow-Tox eliminates replanting. Put one bushel in box or can and pour on one-half pint can of Crow-Tox. Mix thoroughly and seed is ready to plant. Price $\frac{1}{2}$ pint, 60c; pint, \$1.00; quart, \$1.50; gallon, \$4.00.

APPROX. 70,000,000 LBS. OF AIR-NITROGEN ABOVE EVERY ACRE-

THIS IS AVAILABLE FREE FOR SOIL AND CROP IMPROVEMENT IF YOU

CONVERT LEGUME SEEDS INTO FERTILIZER PLANTS

Inoculating  by  with

SINCE

1898

ALFALFA RED CLOVER SWT. CLOVER COWPEAS PEAS VETCH A. W. PEAS SOYBEANS LESPEDEZA PEANUTS BEANS ALL-LEGUMES

BUILD UP YOUR SOIL — Inoculate Your Legumes With NITRAGIN

Inoculate your Legume seeds tho planted on fields that have been inoculated before. Field tests have shown that better crops are harvested when Legume seeds are inoculated even when planted on fields where inoculated seeds of the same Legume crops had grown the previous year.

1947 NITRAGIN INOCULATION PRICES. When Ordering, ALWAYS State Name of Seed

ALFALFA	PEAS (All Varieties)	LESPEDEZA	PEANUTS, LIMA BEANS, COW PEAS
Sweet, Bur, Hubam Clovers	VETCHES (All Varieties)		
Size	Retail	Size	Retail
1 bu. ea.....	\$.50	100 lb. size (Inoculates up to 100 lbs. seed) ea.....	\$.50
2½ bu. ea.....	1.00	1200 lb. size ea.....	5.70 (12-100 lb. size cans)
CLOVERS	LUPINES (All Varieties)	SOYBEANS (All Varieties)	GARDEN SIZE
Red, Alsike, Crimson	100 lbs. (Inoculates up to 100 lbs.) ea.....	Small (Inoculates up to 120 lbs. seed)	Garden Peas and Beans
White and Ladino	\$.50	5 bu. ea.....	Sweet Peas, Lupines and
1 bu. ea.....	\$.50	25 bu. (one can) ea..	Edible Soybeans
2½ bu. ea.....	1.00	30 bu. (one ctn.) ea..	Enough for 8 lbs. seed
		(Contains 6-5 bu. cans)	Retail Price 10c each

NITRAGIN — the Oldest and Most Widely Used Inoculator in America



SCARFF'S HYBRID SEED

The Corn of Plenty

The highest yielding Hybrid Seed Corn results only from most careful production methods. Our seed is all certified. Our warehouse, drying and grading equipment is of the most efficient design. Scarff's Hybrid Seed is in every way the best at any price.

W. N. SCARFF'S SONS
New Carlisle, Ohio

OVER 50 YEARS OF SERVICE IN AGRICULTURE & HORTICULTURE